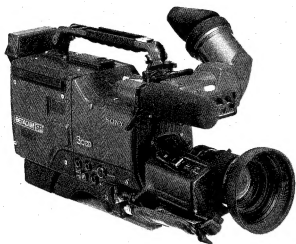


SONY

VTR IN CAMERA

BVW-300P



BETACAM SP

MAINTENANCE MANUAL

Volume 2 2nd Edition (Revised 3)

Serial No. 40784 and Higher

X-RAY RADIATION WARNING

Be sure that parts replacement in the high voltage block and adjustments made to the high voltage circuits are carried out precisely in accordance with the procedures given in this manual.

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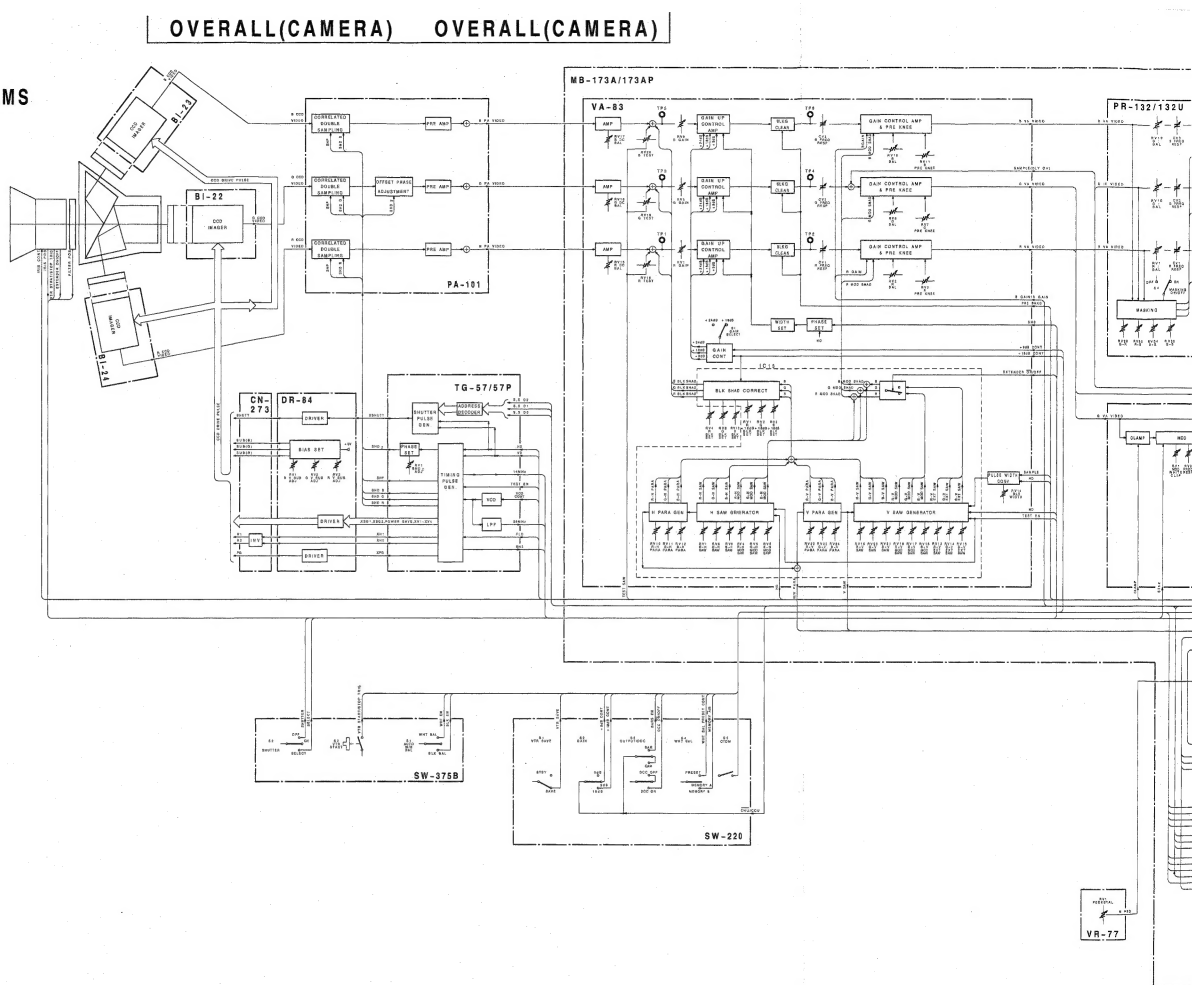
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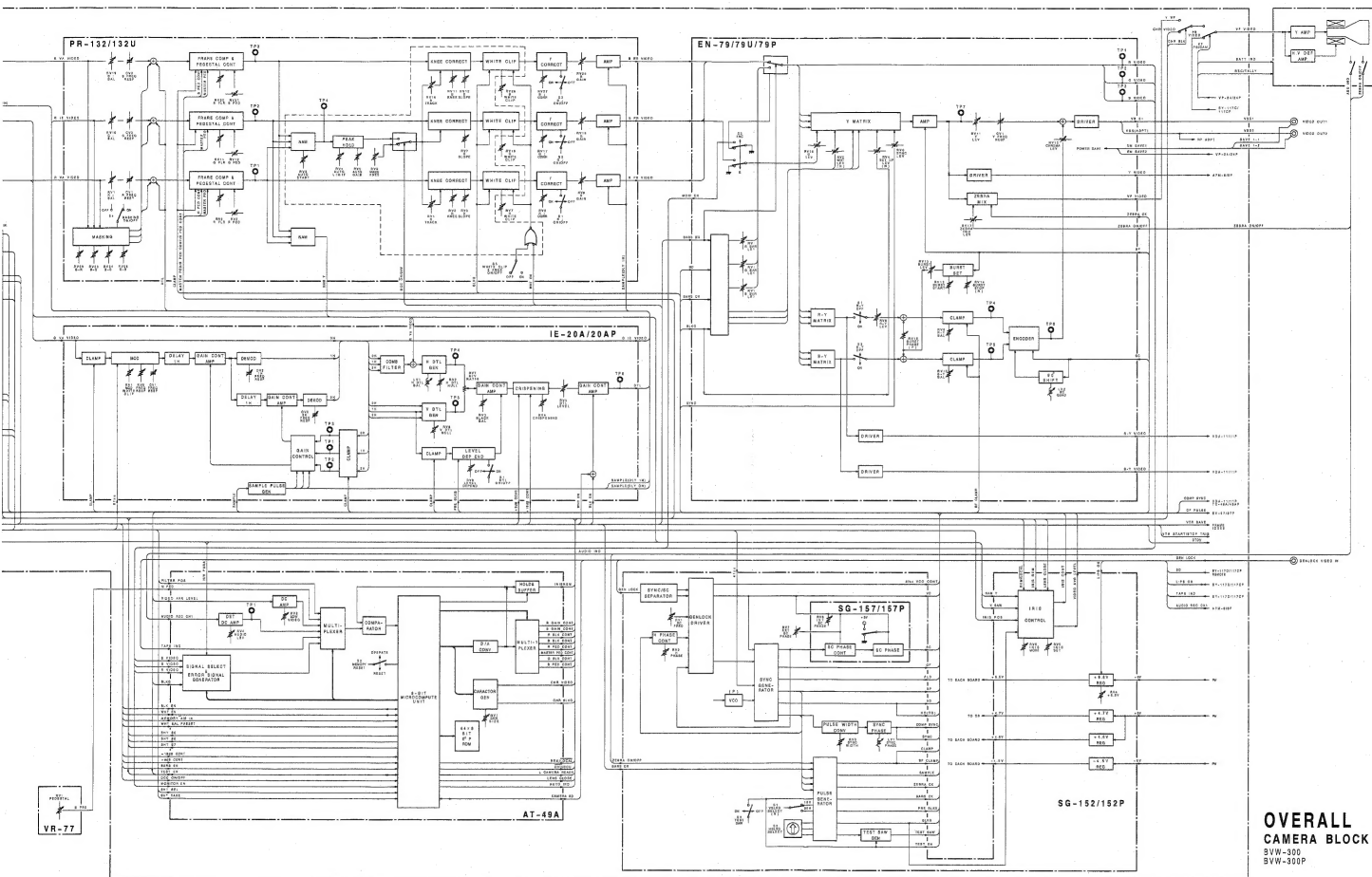
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BLOCK DIAGRAMS
OVERALL BLOCK DIAGRAM(CAMERA)





OVERALL
CAMERA BLOCK
9VW-300
9VW-300P

CCD DRIVER
CCD MOUNT
CCD PREAMP
TIMING GENERATOR

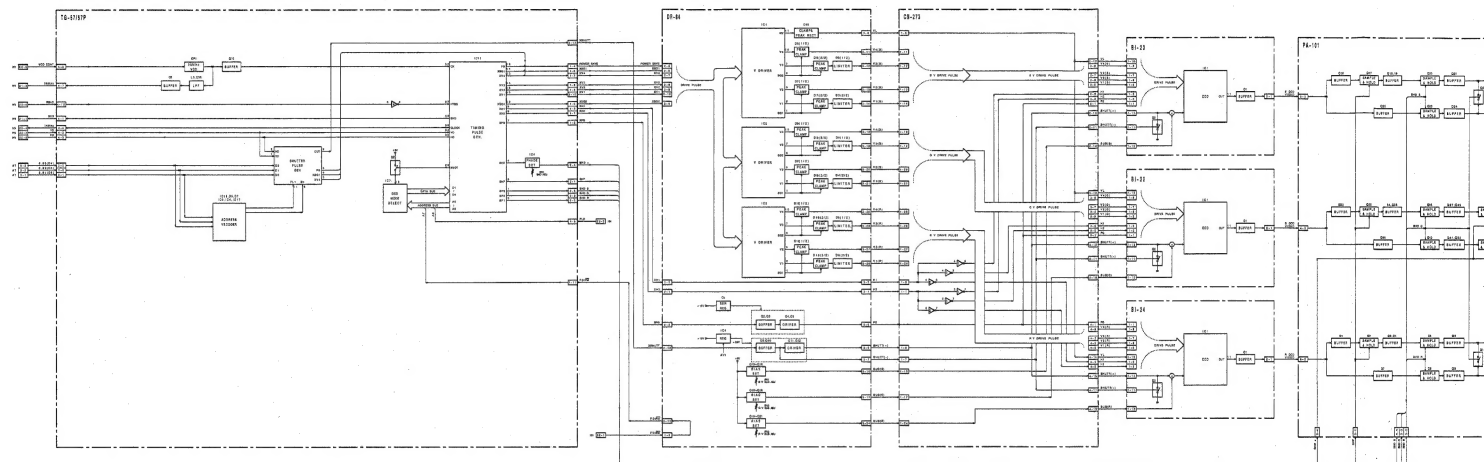
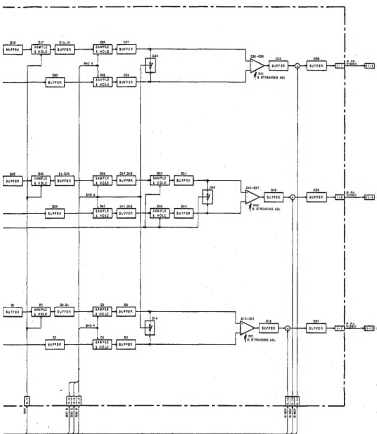
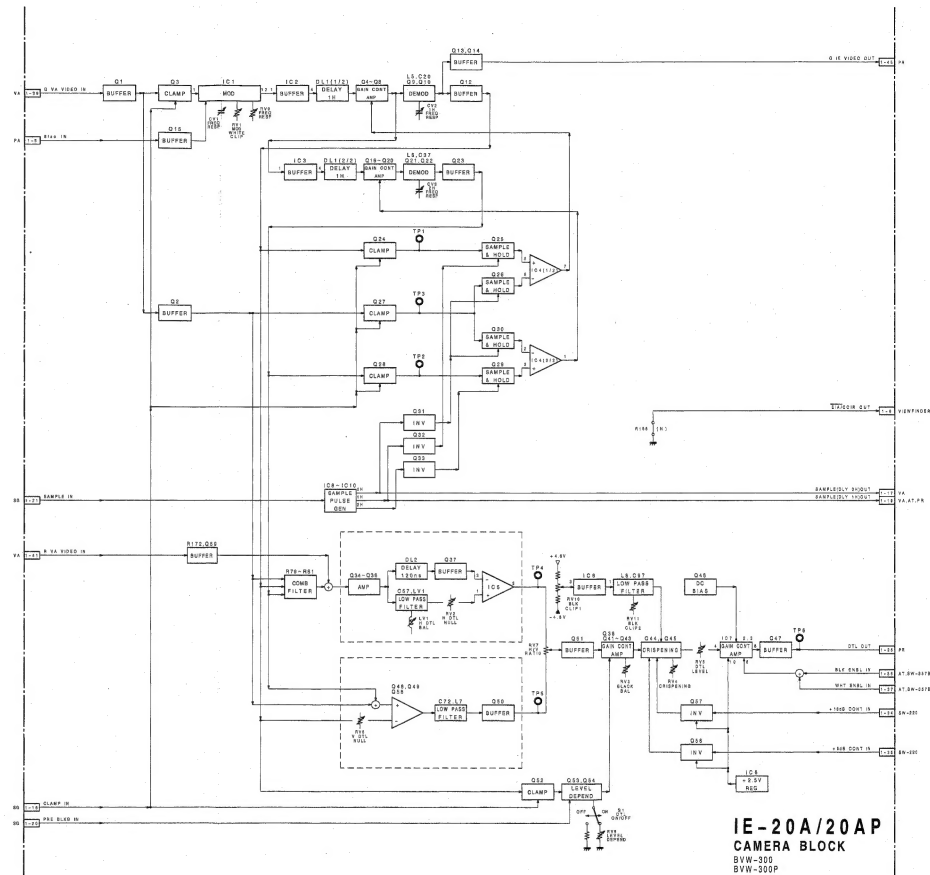


IMAGE ENHANCER

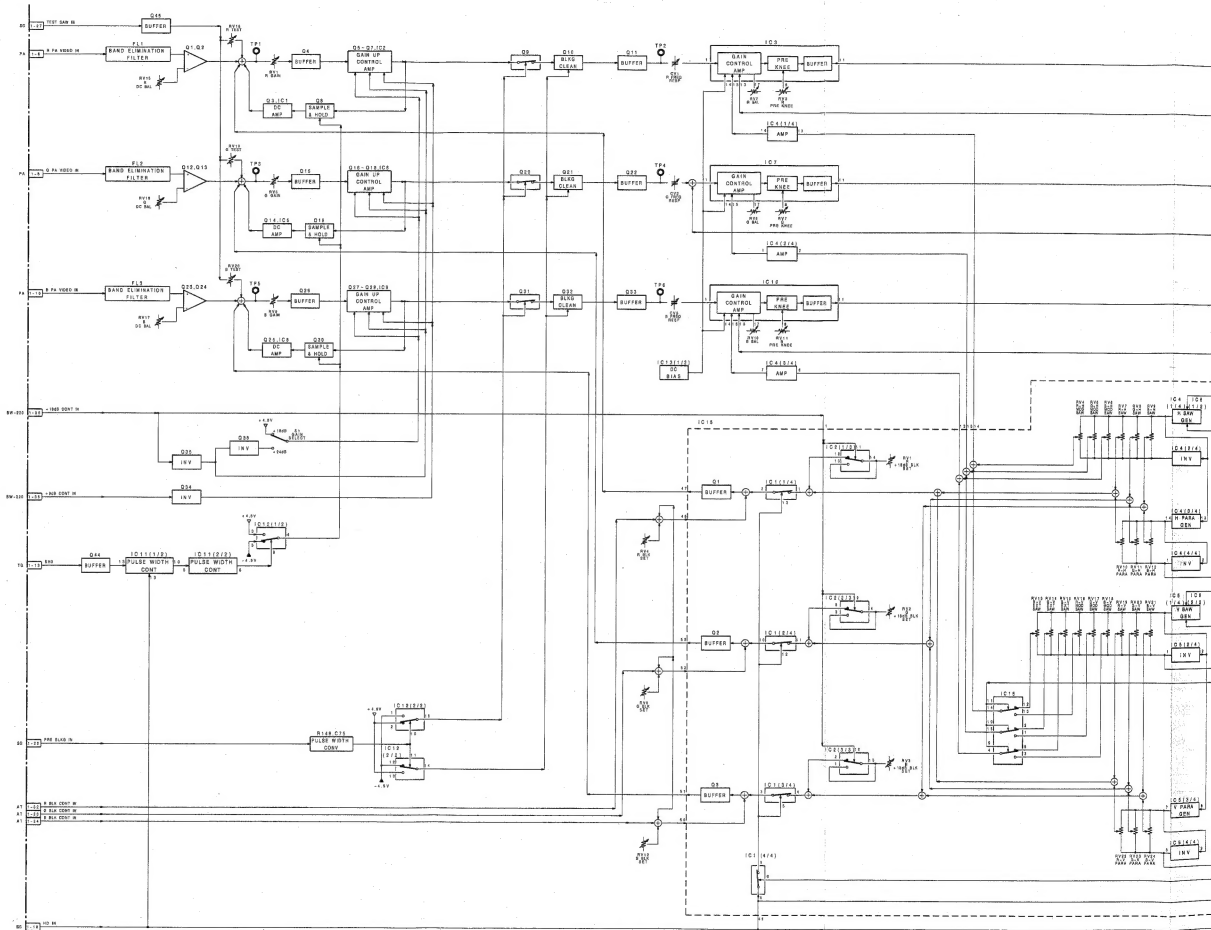


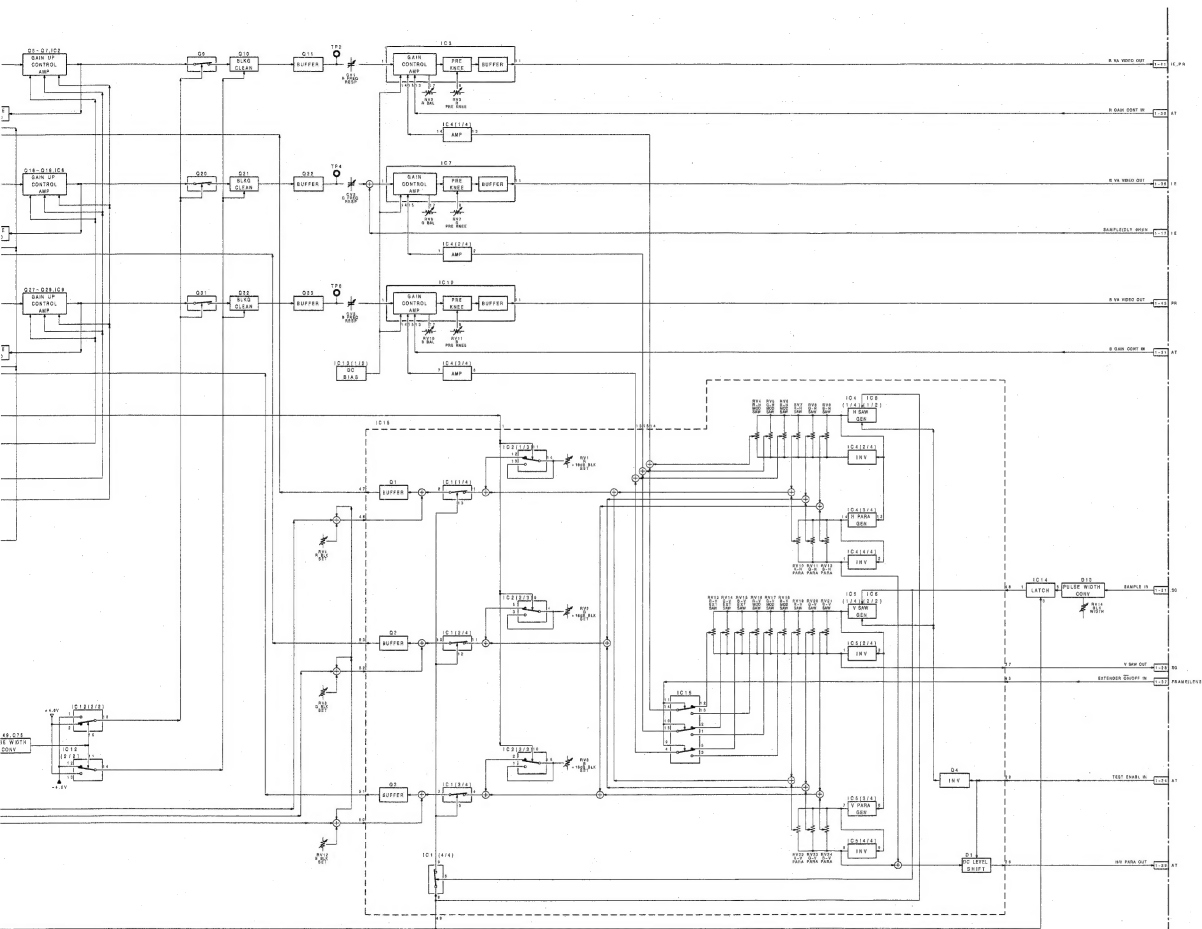
CCD-BLOCK

BI-22/23/24
CN-273
DR-84
PA-101
TG-57/57P
BVW-300
BVW-500P



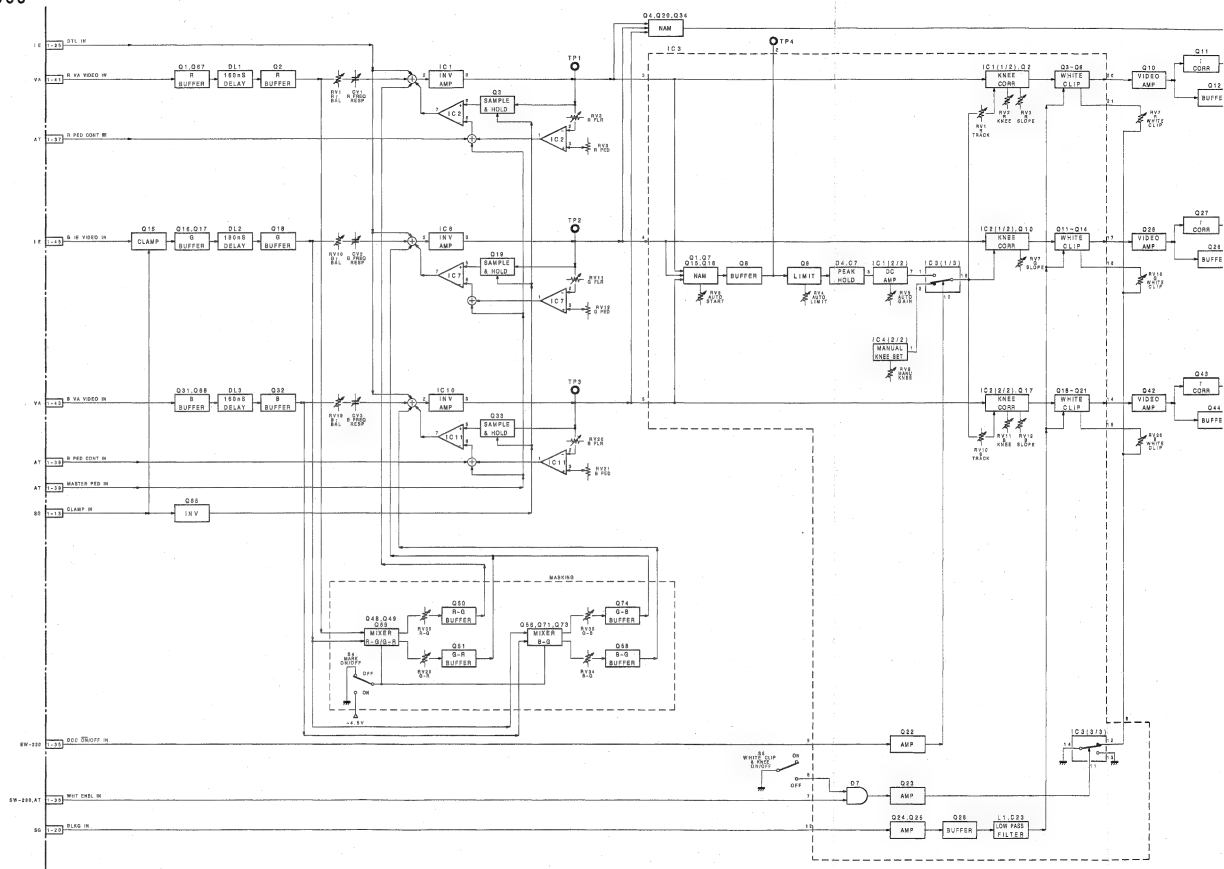
IE-20A/20AP
CAMERA BLOCK
BVW-300
BVW-500P

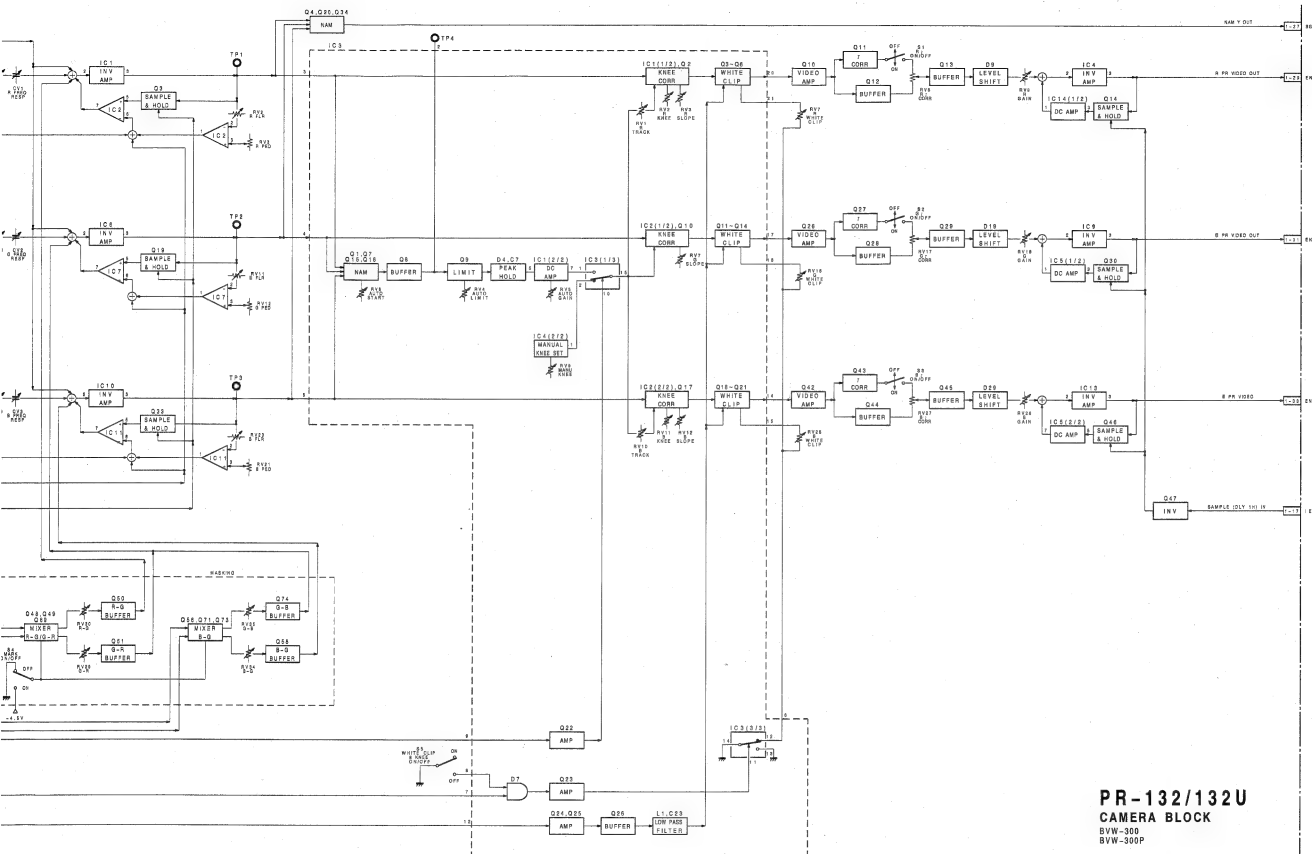




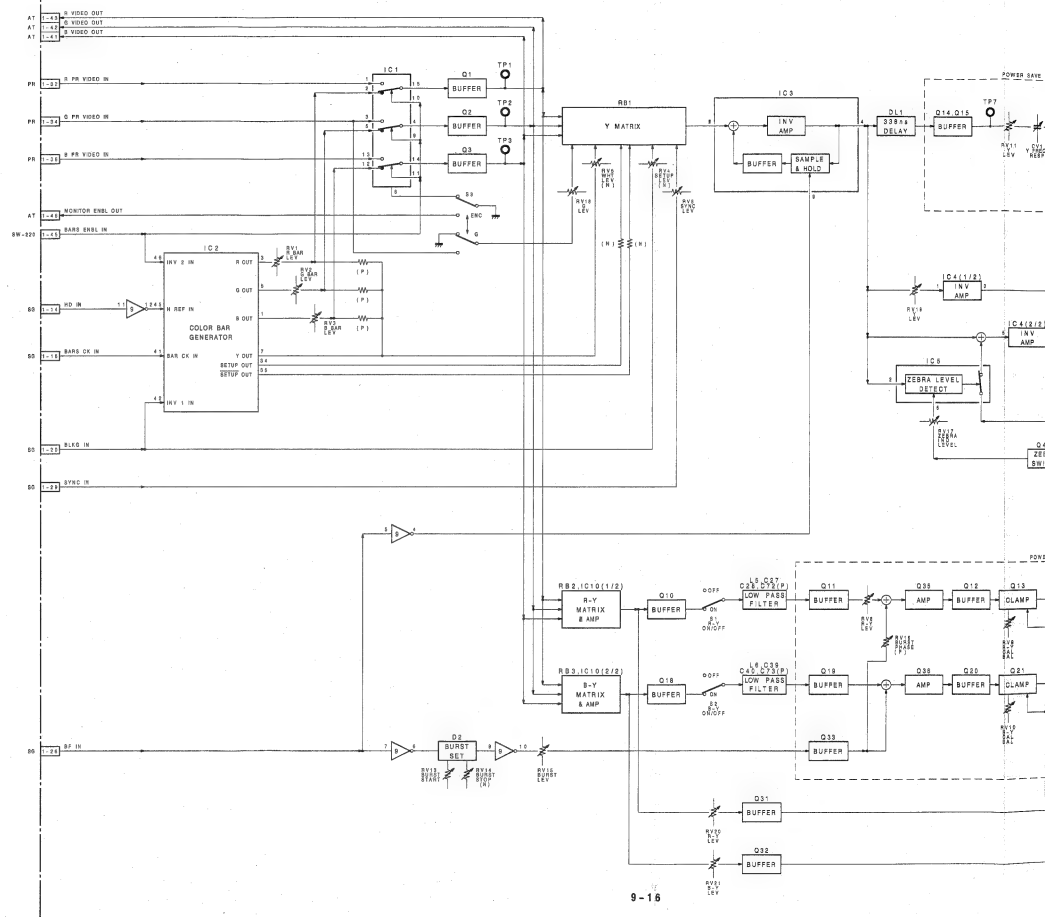
VA-83
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BVW-300
BVW-300P

GAMMA, MASKING, KNEE, SLPE, W CLIP, DCC



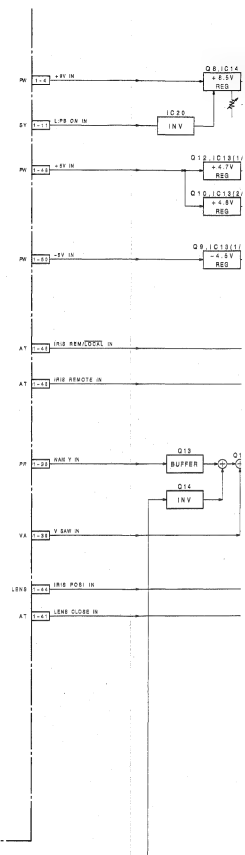


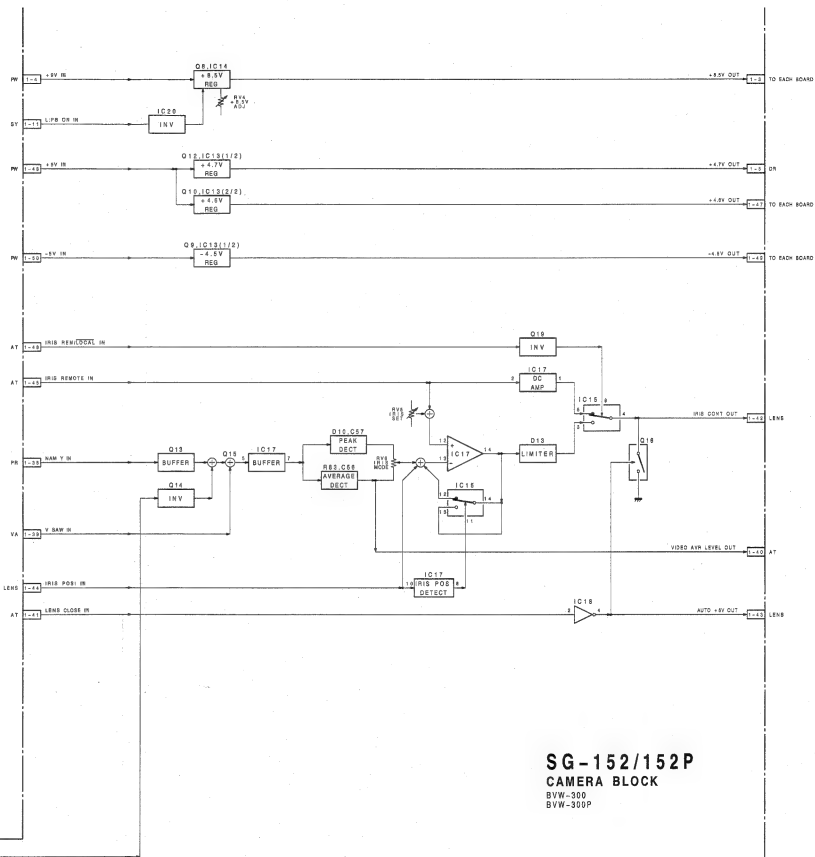
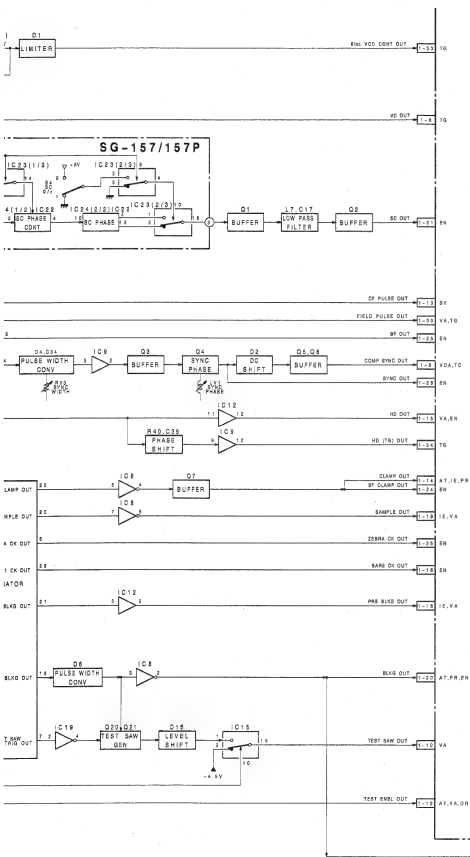
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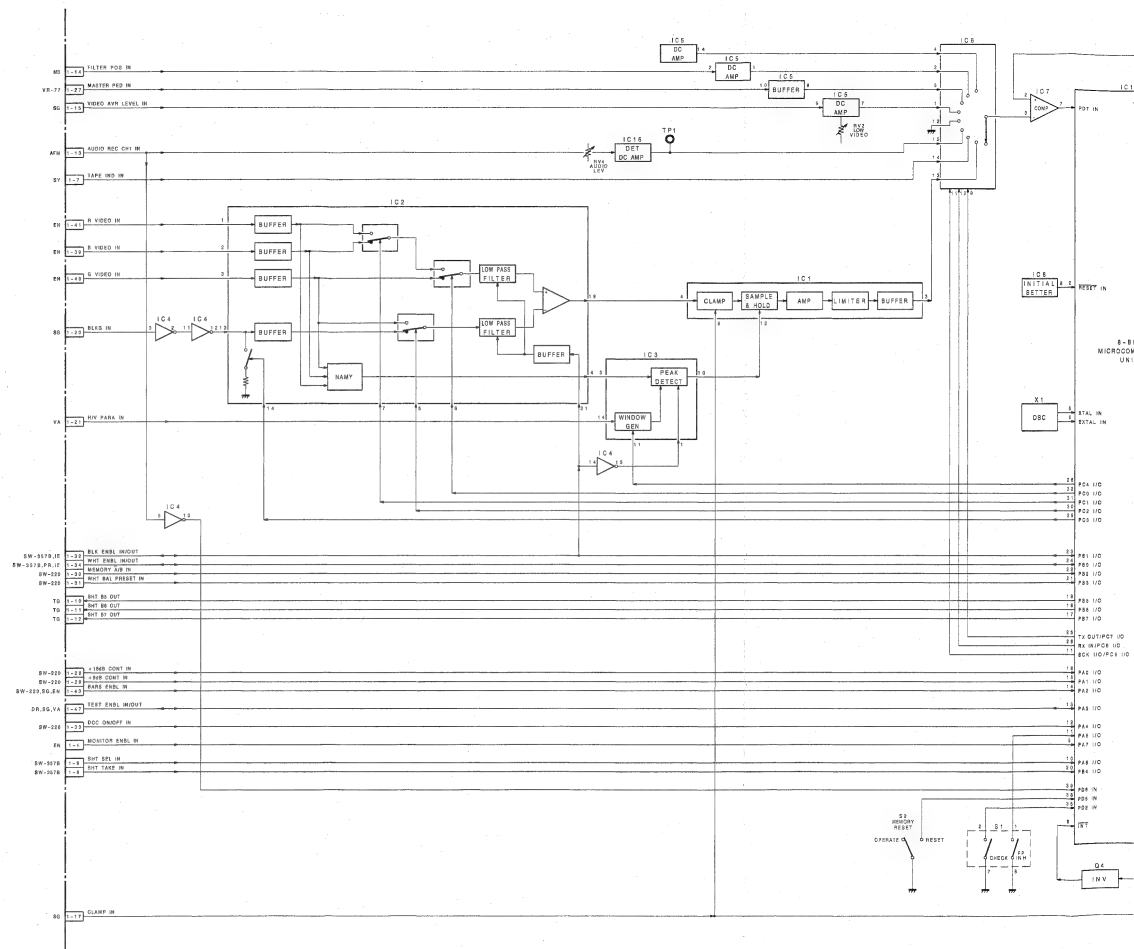


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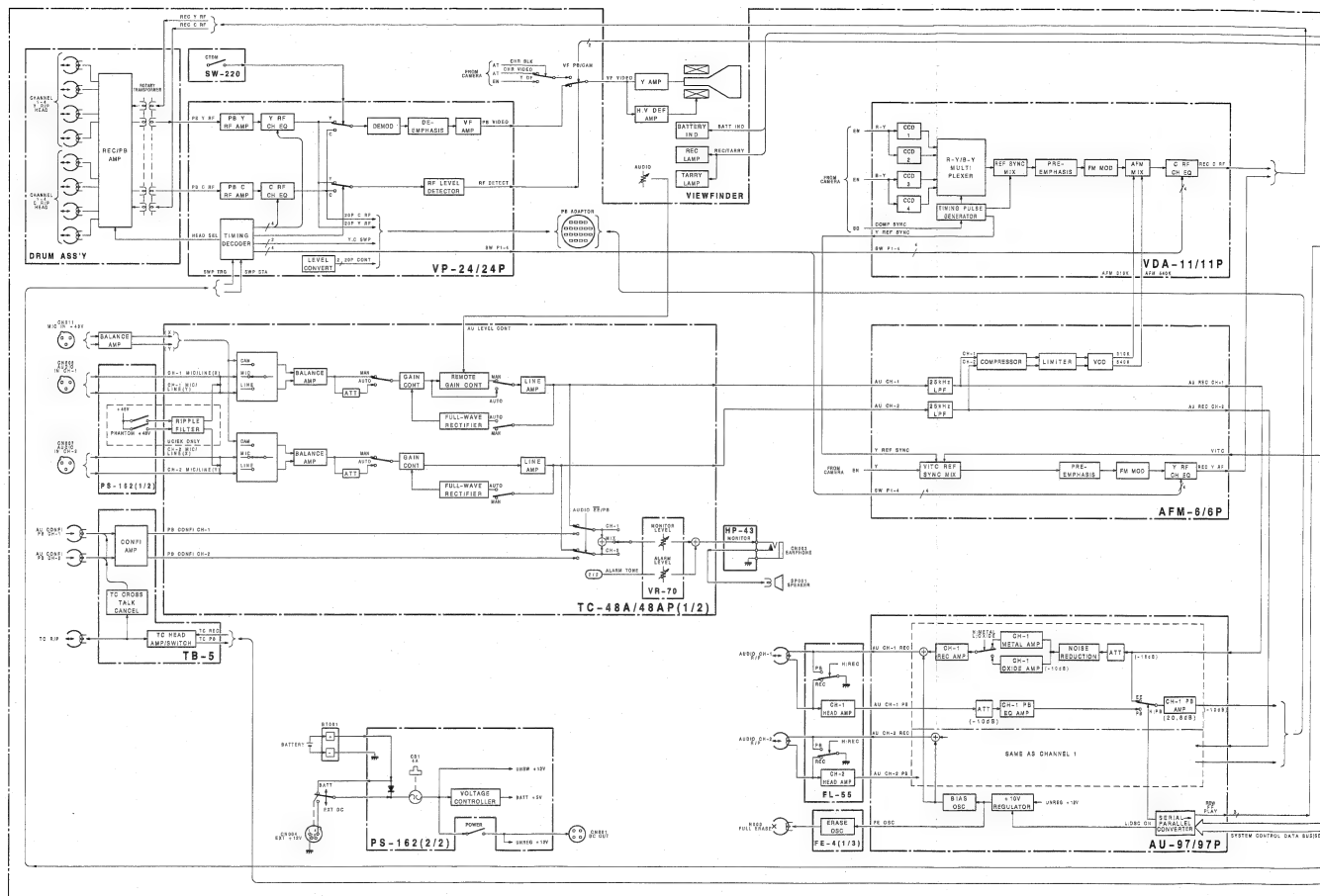




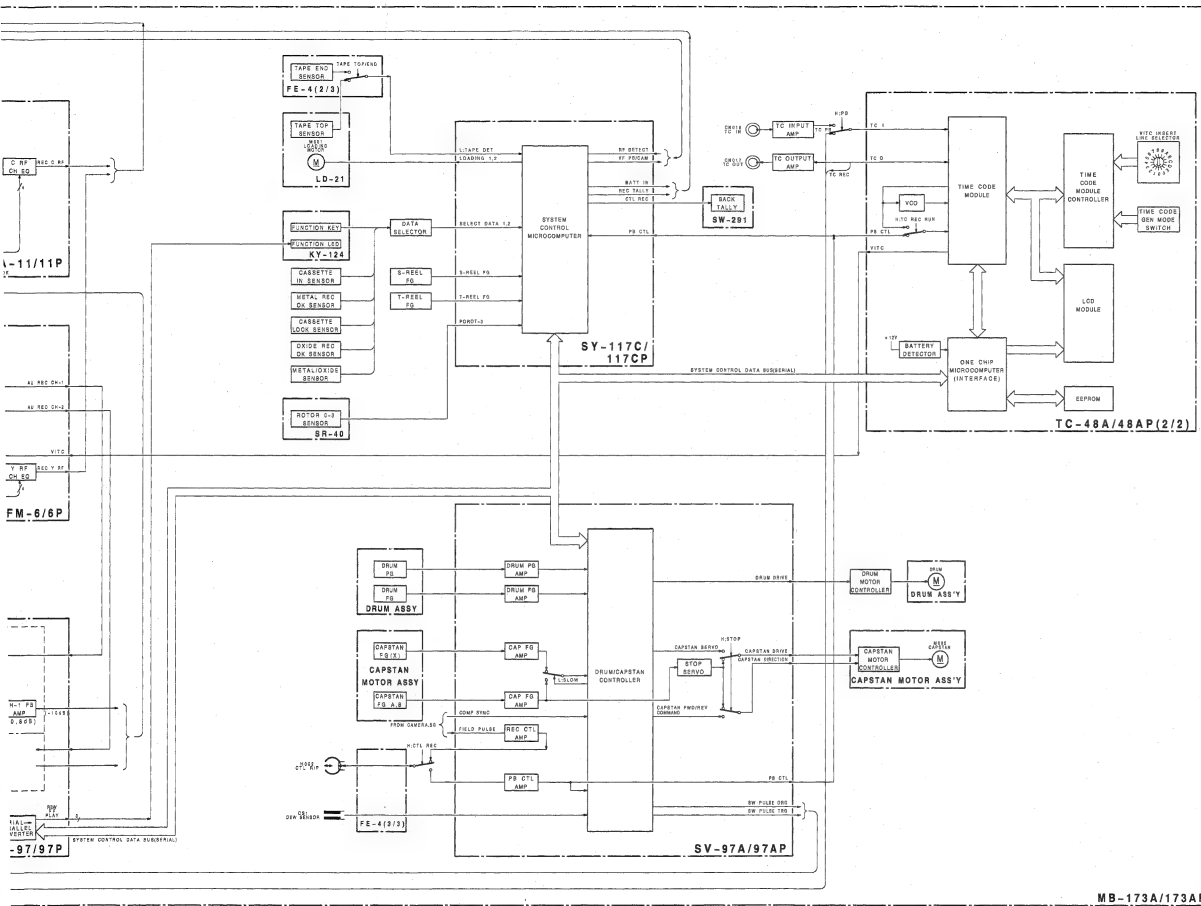
AUTO W/B,CHARA GEN,SYS-CON





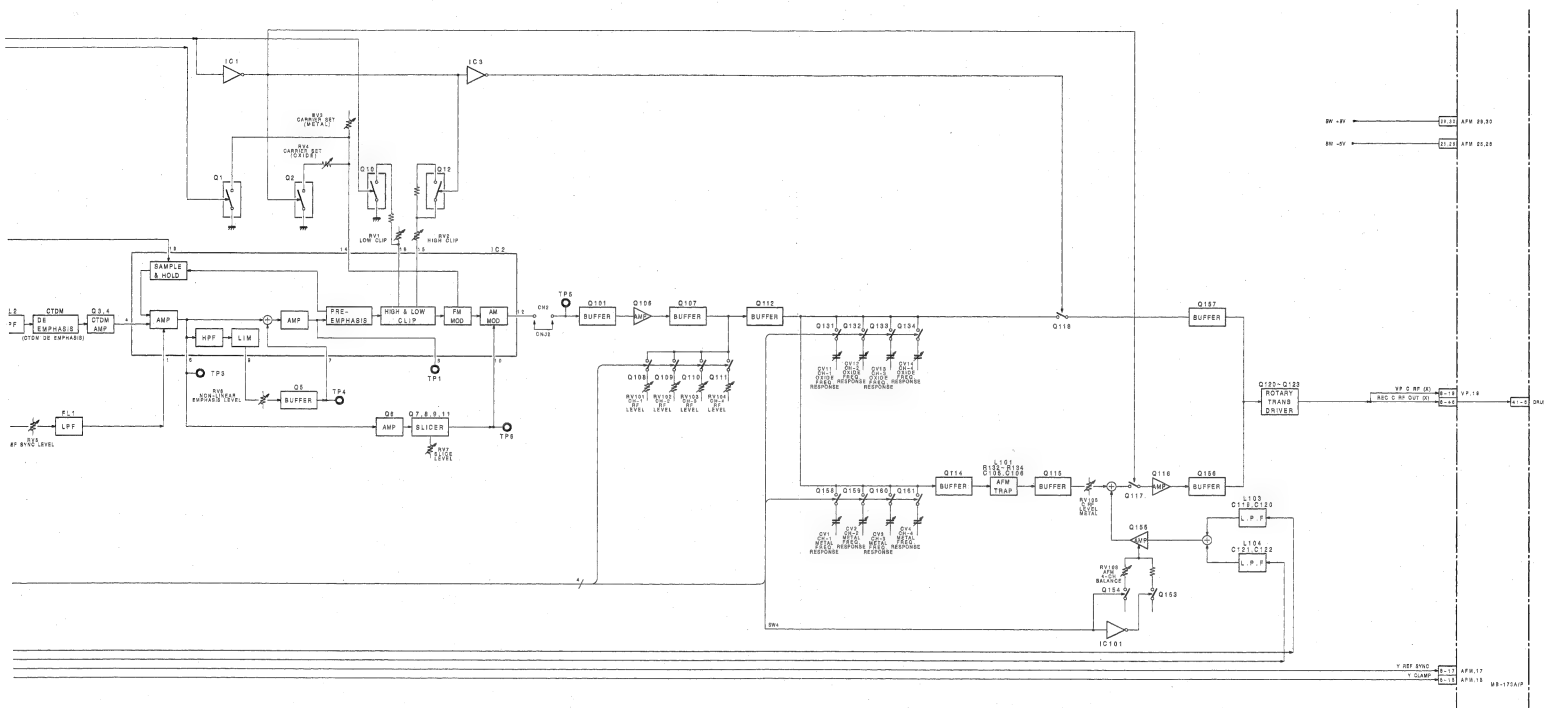


OVERALL(VTR)



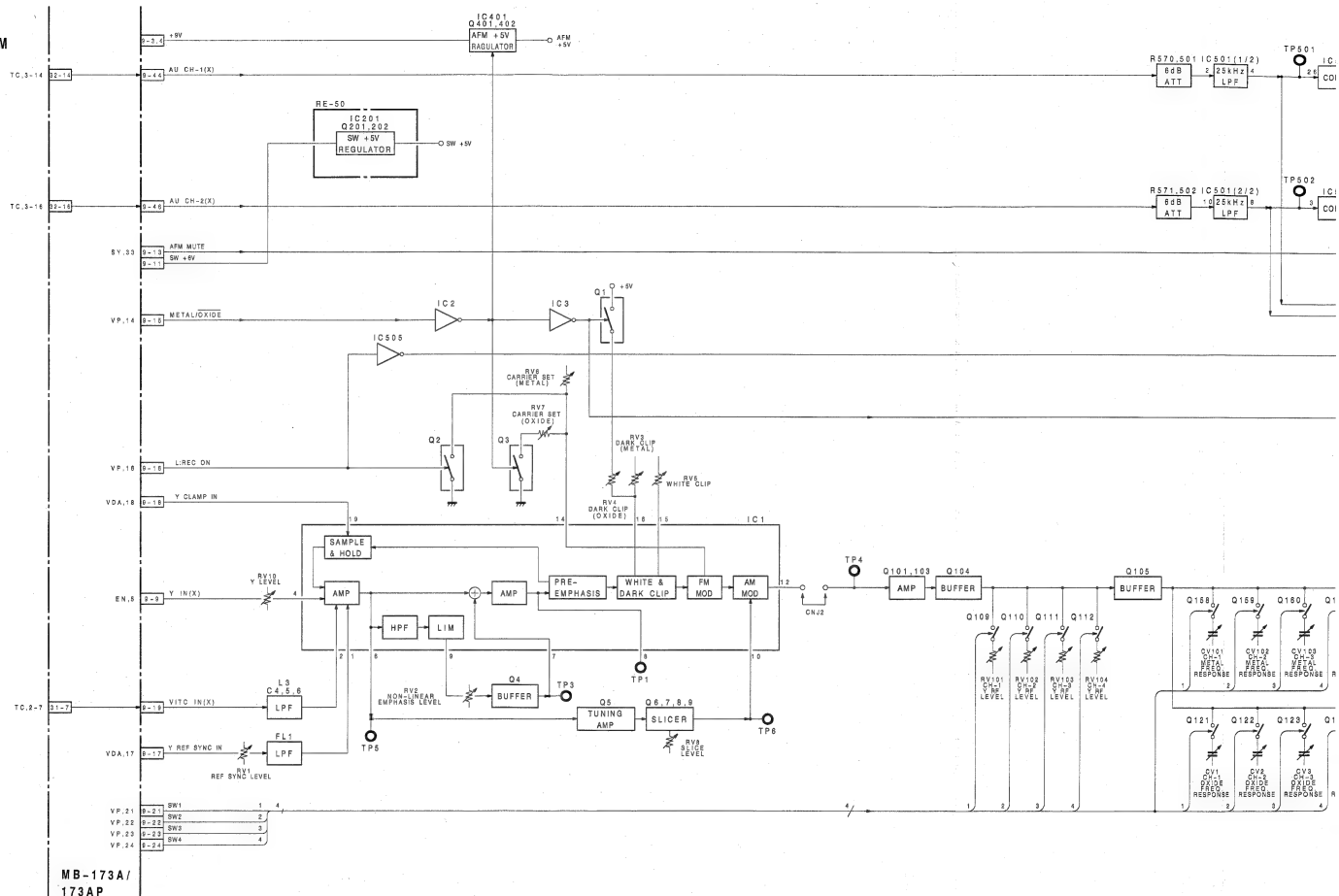
BVW-200
BVW-200P
BVW-300
BVW-300P

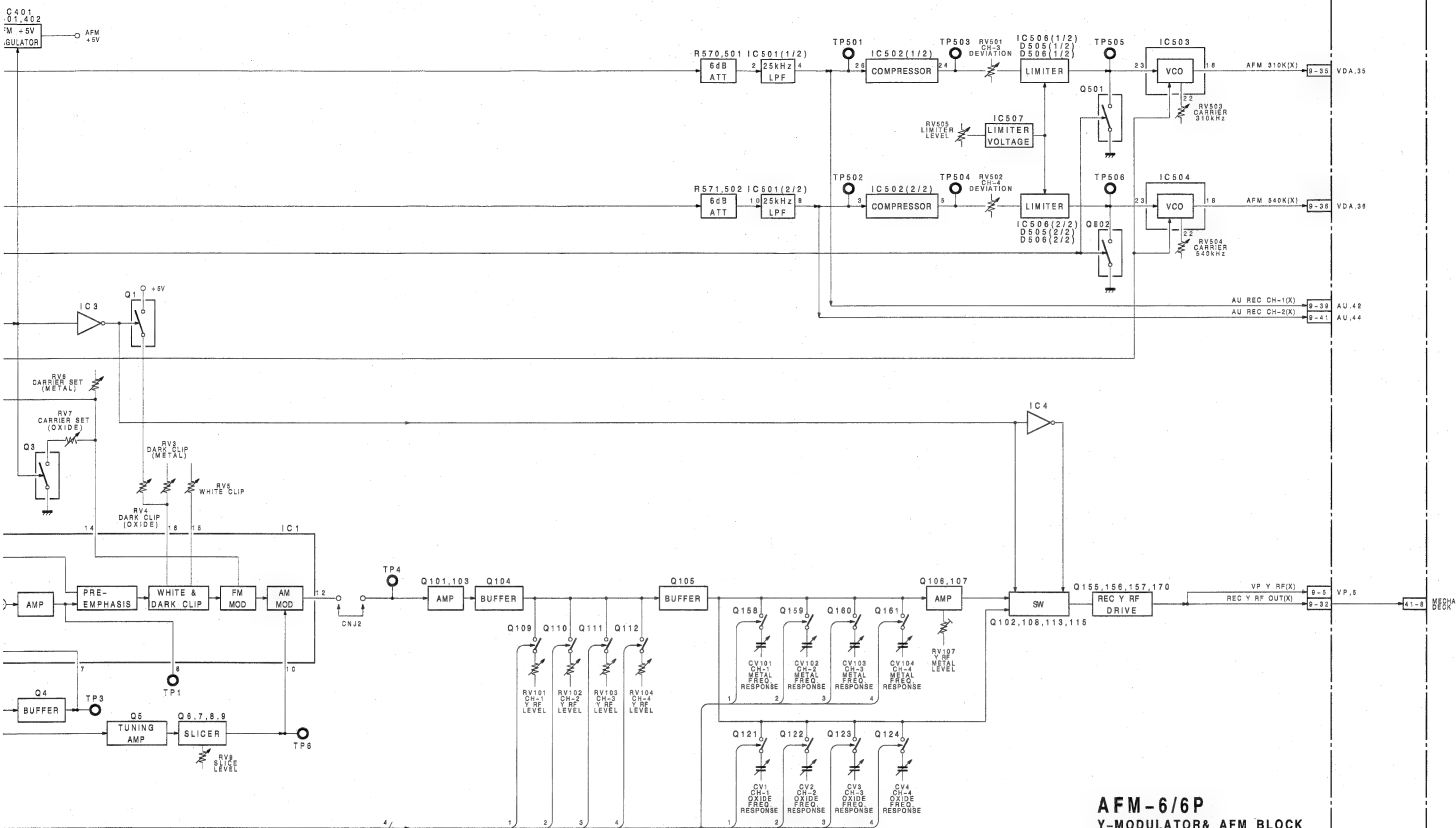




VDA-11/11P
VIDEO BLOCK
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

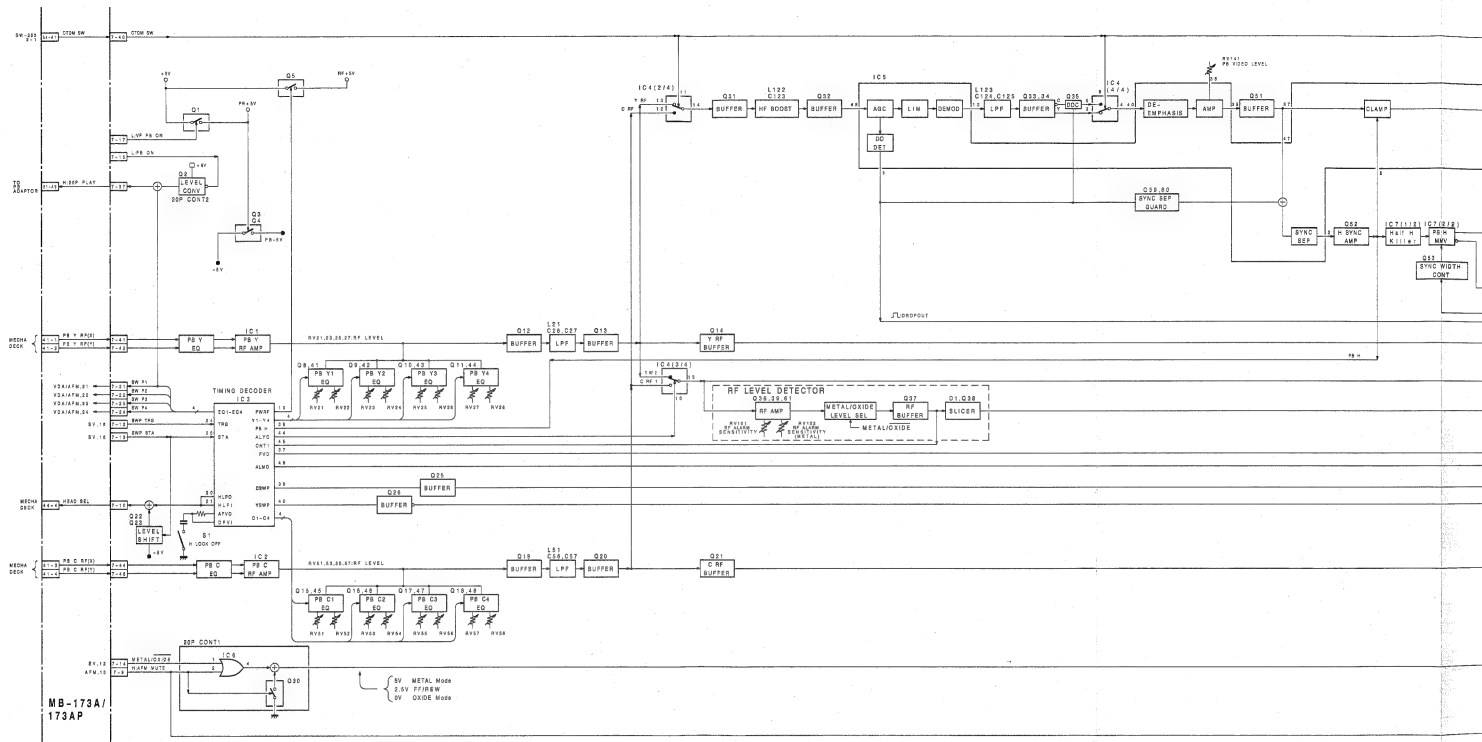
Y-MODULATOR, AFM





AFM-6/6P
Y-MODULATOR & AFM BLOCK
BVW-200
BVW-200P
BVW-300
BVW-300P

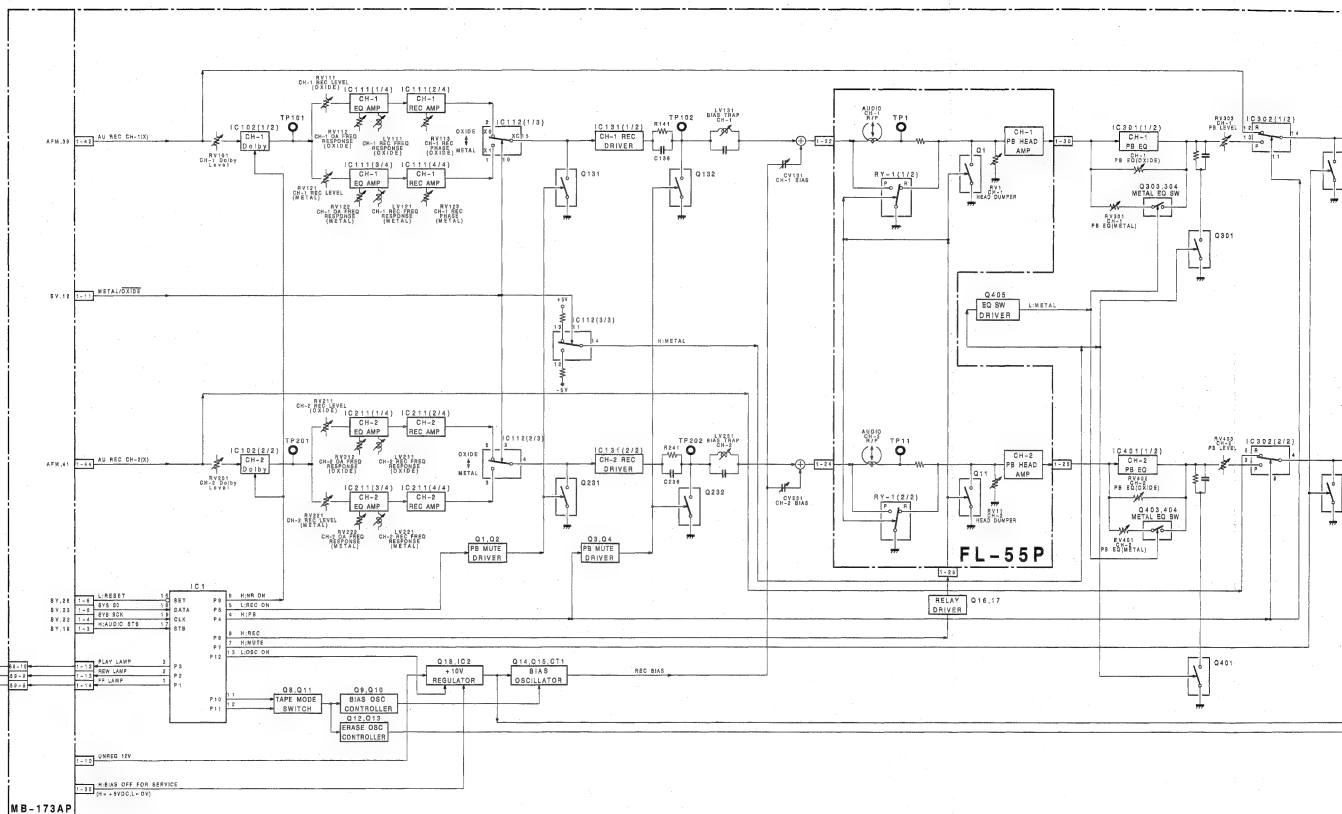
MB-173A/
173AP

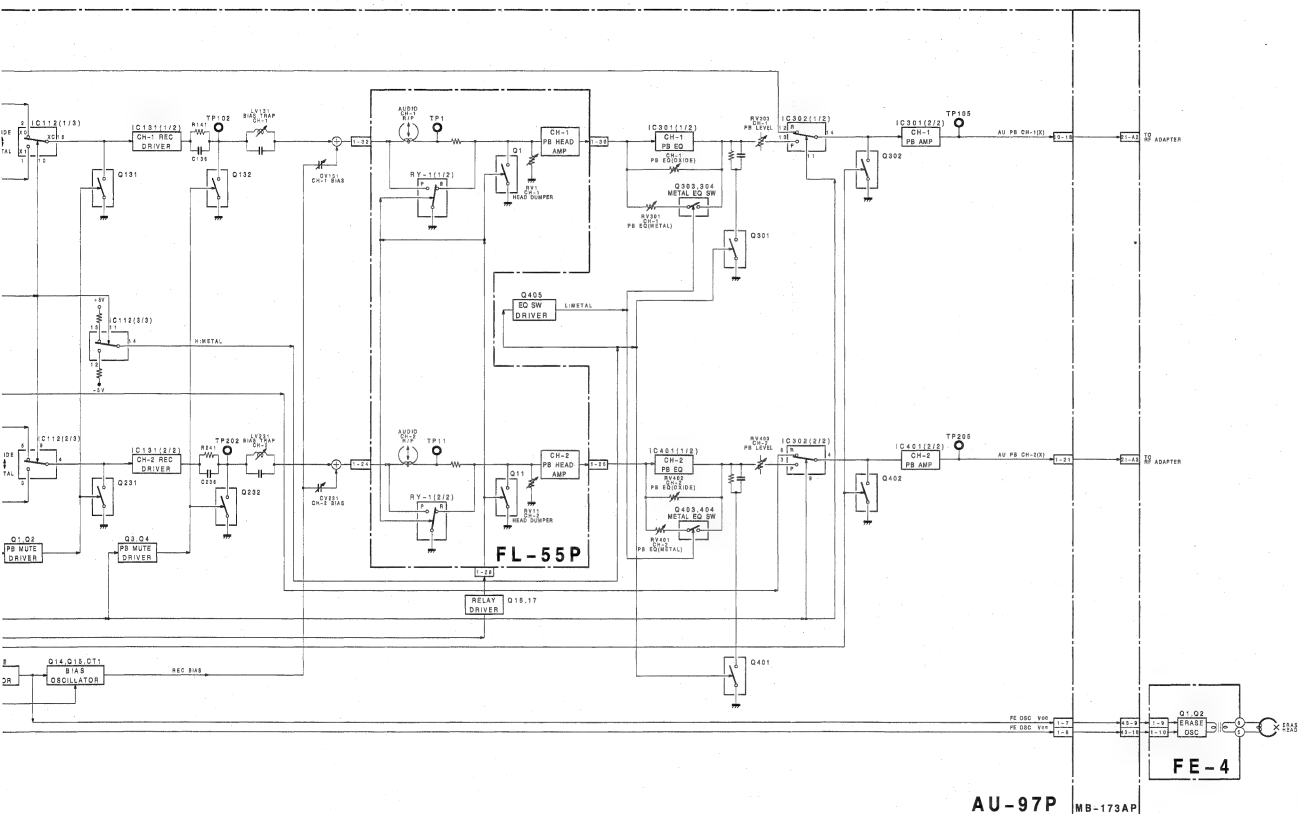




PLAY
REW
FF

KY-124

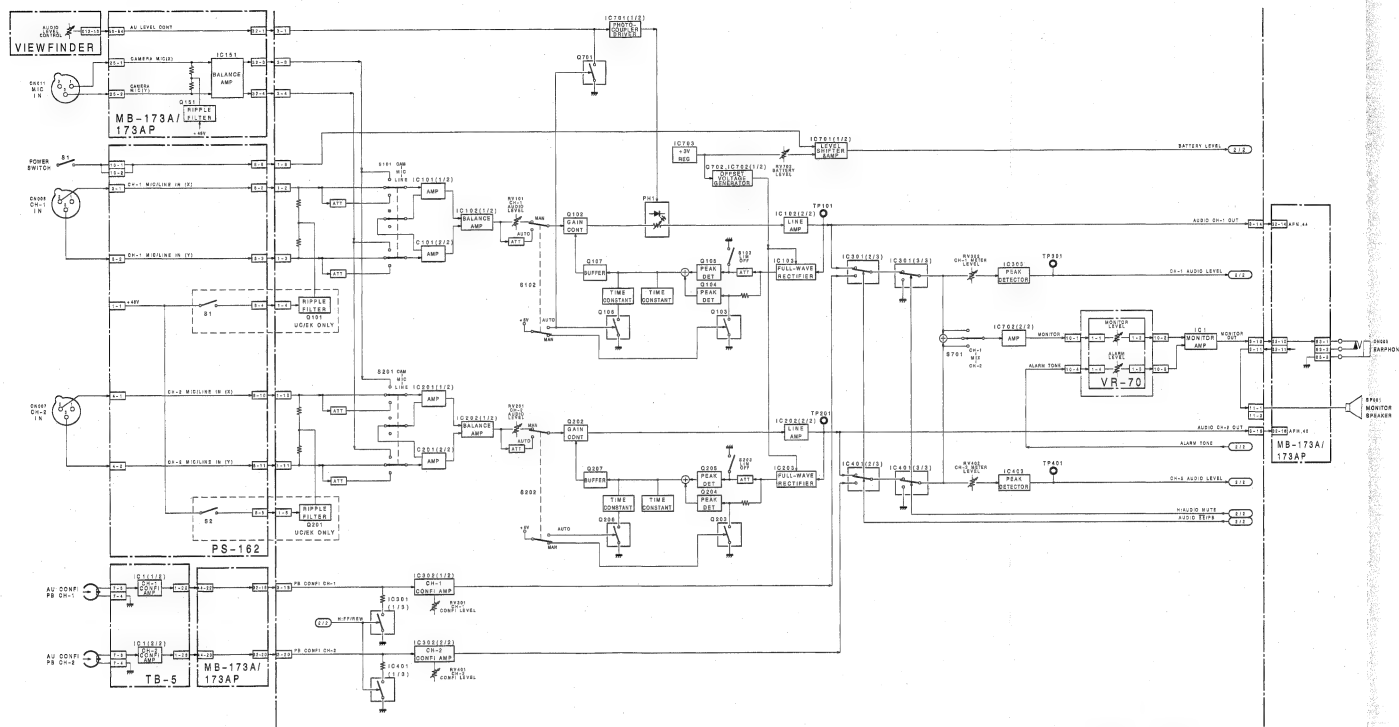




AU-97P MB-173AP

AU-97P
AUDIO BLOCK
BW-200
BW-300P

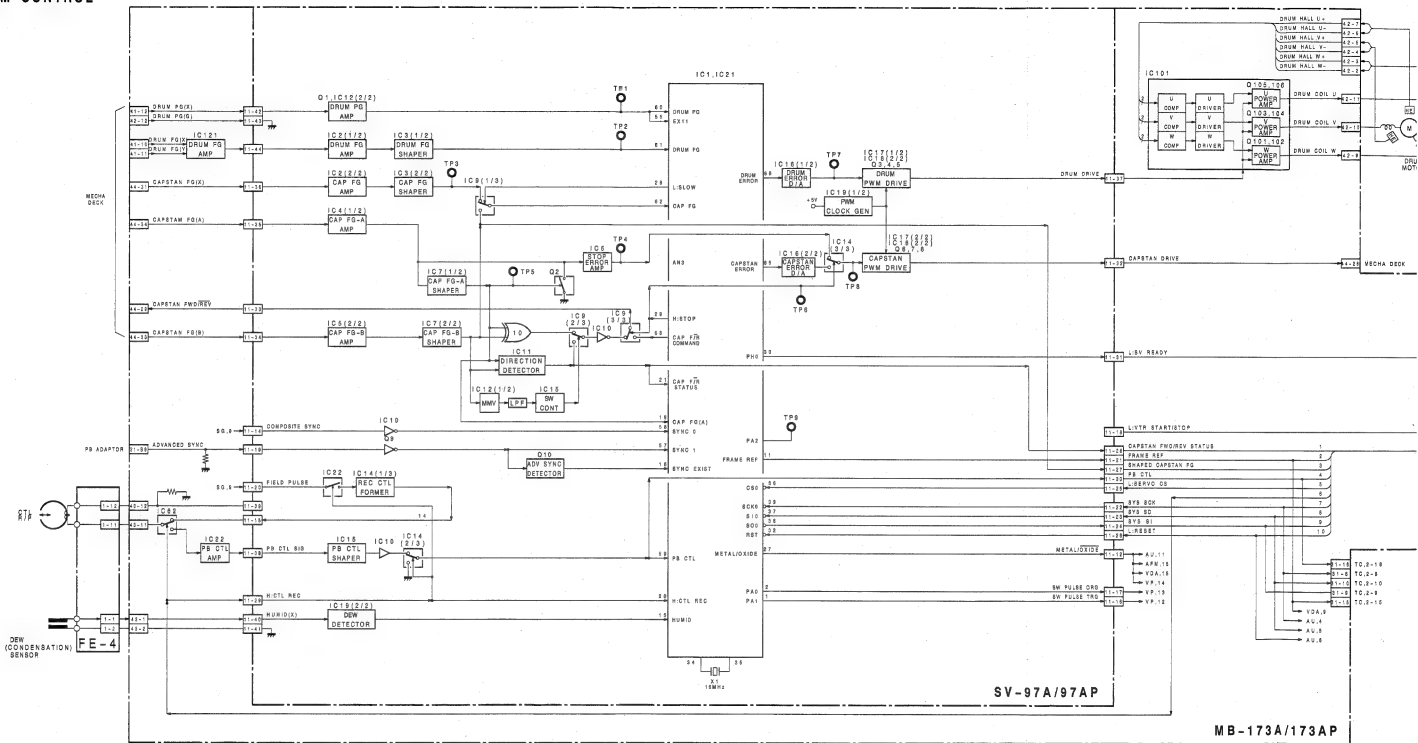
TIME CODE, LEVEL CONTROL, MONITOR, SW, INDICATOR



TC-48A/48AP(1/2)
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BVW-200
BVW-200P
BVW-300
BVW-300P



TC-48A/48AP(2/2)
TIME CODE BLOCK
BVW-200
BVW-200P
BVW-300
BVW-300P

SERVO SYSTEM
SYSTEM CONTROL

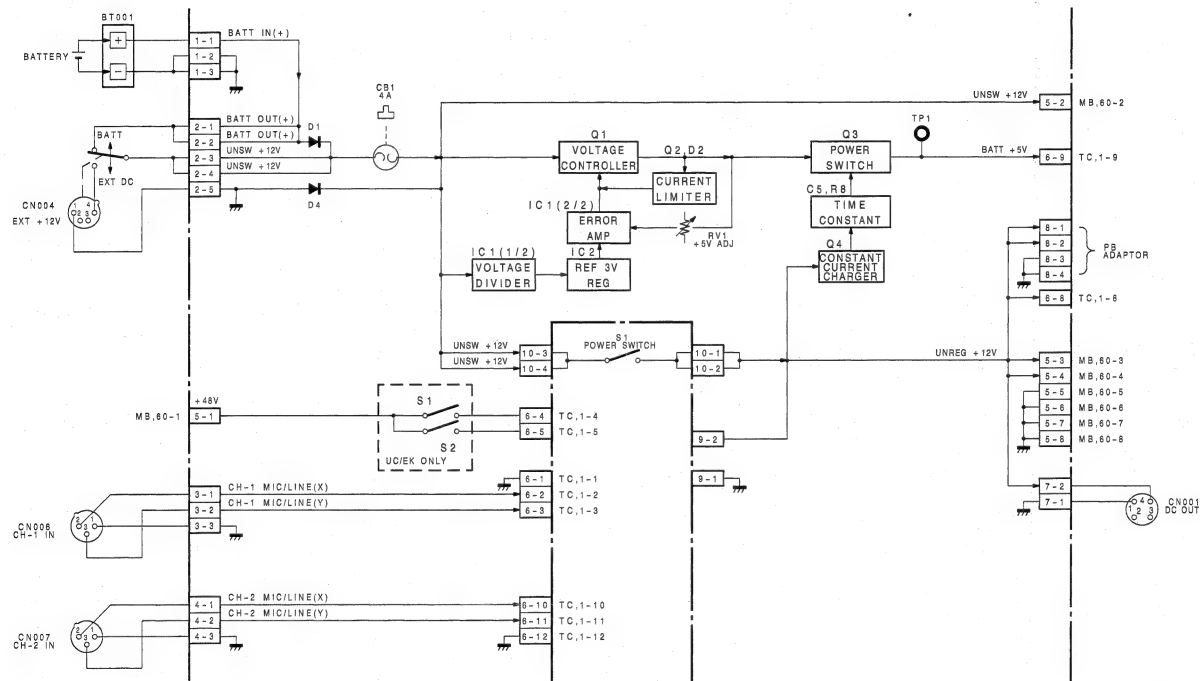
SYSCON/SERVO



BVW-200
BVW-200P
BVW-300
BVW-300P

PS-162 PS-162

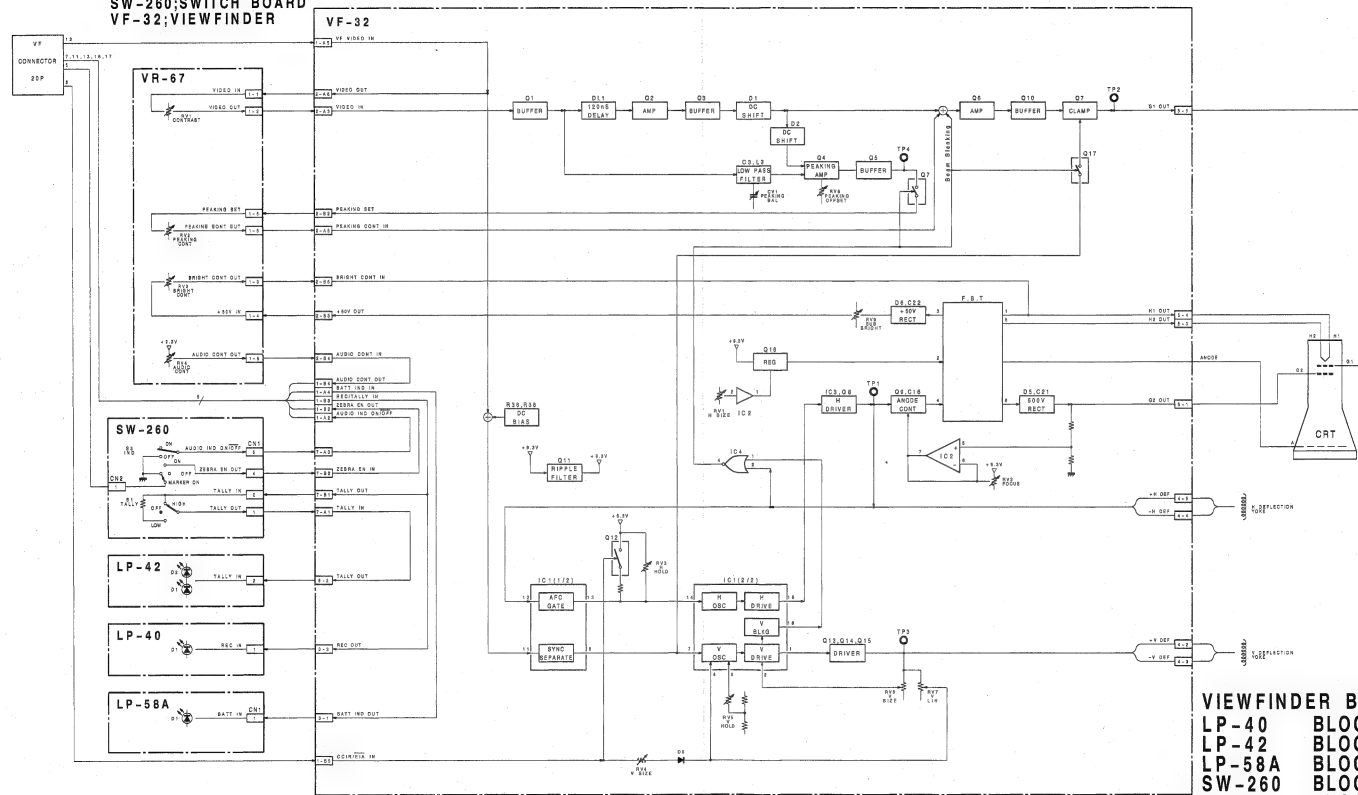
POWER DISTRIBUTOR



PS-162
POWER SUPPLY BLOCK
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 BVW-250P
 BVW-300
 BVW-350P

VIEWFINDER VIEWFINDER




















LP-40:REC LED
LP-42:FRONT TALLY LED
LP-58A:BATT/TALLY,VTR SAVE LED
VR-67:VOLUME CONTROL
SW-260:SWITCH BOARD
VF-32:VIEWFINDER



VIEWFINDER BLOCK
LP-40 BLOCK
LP-42 BLOCK
LP-58A BLOCK
SW-260 BLOCK
VF-32 BLOCK
VR-67 BLOCK

BVW-300
BVW-300P

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SECTION 10

SEMICONDUCTOR ELECTRODES

ここに記載されているIC、トランジスタ、ダイオードは、それぞれの機能を等価的に表わしたものです。したがって互換性を表わすものではありません。(互換性のない型名が併記されている事もあります。) 部品の交換をする時は、SPARE PARTSの章を参照して下さい。

ICs, transistors and diodes whose functions are equivalent are described here. Therefore, incompatible device names may be described together. For parts replacement, refer to the Spare Parts section in this manual.

IC	PAGE	IC	PAGE	IC	PAGE
AN6391NS	10-3	RC2043MD	10-19	μPC1663G	10-24
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CXD1035BQ-Z	10-10	TC4053BFHB	10-21		
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MC14069UBF	10-21	TC50H001F	10-23		
MC14071BF	10-21	TC74HC00F	10-23		
MC14538BF	10-21	TC74HC02F	10-23		
MC74HC241F	10-18	TC74HC14F	10-23		
MC74HC4053F	10-18	TC74HC4049F	10-23		
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		TC74HC4538F	10-22		
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NJM2903M	10-19	TL064CNS	10-19		
NJM386M	10-19	TL072CPS	10-23		
NJM4559M	10-19	TL082CPS	10-23		
		TL7700CPS	10-24		
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RC2041MD	10-19				

等価回路はICメーカーのData Bookに従いました。

The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

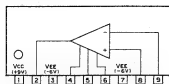
TRANSISTOR PAGE

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2SC1009A	10-25
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2SC2757	10-25
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2SK125	10-25
2SK209	10-25
2SK612	10-25
3SK163	10-25
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DTA144EU	10-25
DTC144EU	10-25
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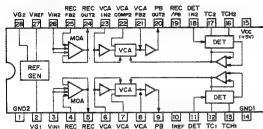
DIODE PAGE

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8X1358 (SONY)
VIDEO OUTPUT AMPLIFIER
— PRINTED SIDE —

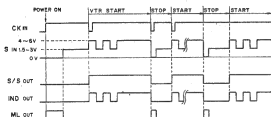
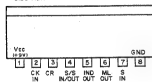


CX20098 (SONY) FLAT PACKAGE
VOLTAGE CONTROLLED AMP/DETECTOR/MAIN OPERATIONAL AMP
— TOP VIEW —

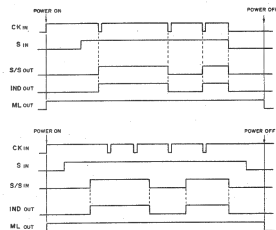
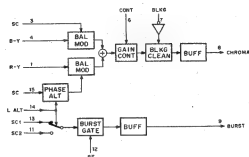
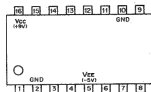


DET : DETECTOR
TC : TIME CONSTANT
TCH : TIME CONSTANT HOLD
VCA : VOLTAGE CONTROLLED AMP

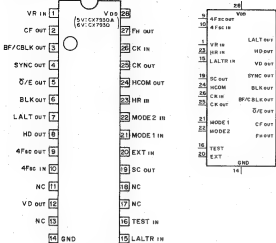
CX518 (SONY)
INTERFACE CIRCUIT BETWEEN VTR AND CAMERA
— SIDE VIEW —



CX22017 (SONY)
VIDEO SIGNAL PROCESSOR
— TOP VIEW —



CX7930A (SONY) FLAT PACKAGE
C-MDS SYNC GENERATOR (NTSC, PAL-M, PAL, SECAM)
— TOP VIEW —



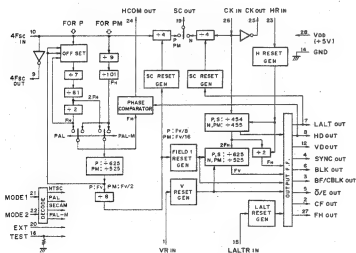
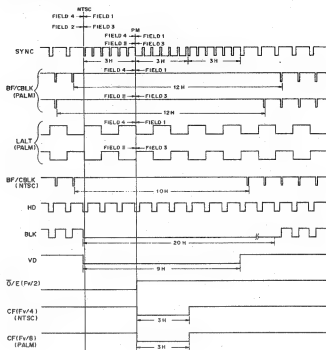
V/E: 1000/EVEN FIELD
CF: COLOR FRAME PULSE
HCM: 1H COMPARTOR

SYSTEM	4Fsc	CLOCK
NTSC	BIO F#	BIO F#
PAL	1135F# + 2Fv	908F#
PALM	908F#	BIO F#
SECAM	908F#	908F#

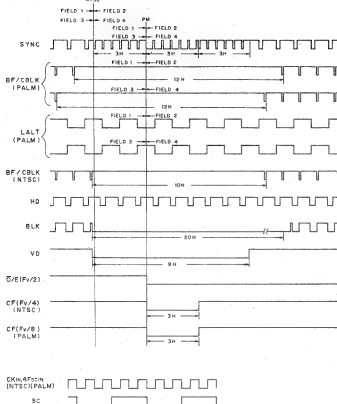
0: LOW LEVEL (GND)
1: HIGH LEVEL (VDD)

TEST "0" OPEN
(INTERNALLY
(PULLED DOWN))

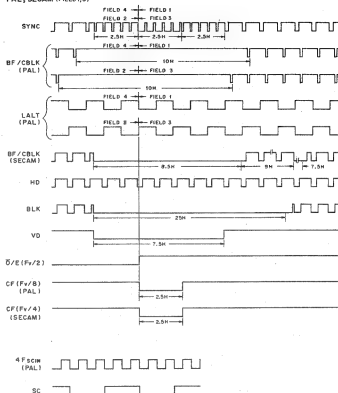
NTSC, PAL-M (FIELD 1, 3)



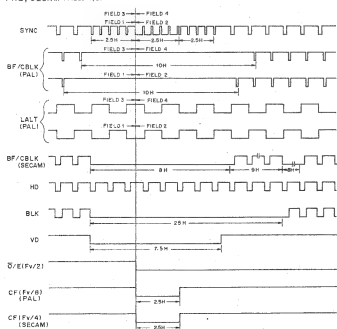
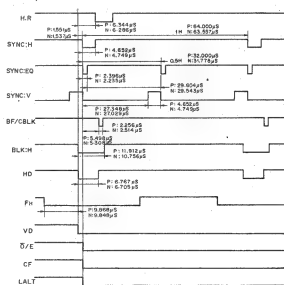
NTSC, PAL-M (FIELD 2, 4)



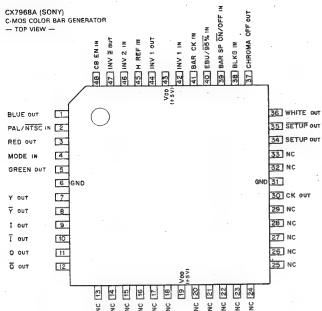
PAL, SECAM (FIELD 1, 3)



PAL, SECAM (FIELD 4, 2)

P/PAL, SECAM
K/NTSC, PALM

CX7968A (SONY)
C-MOS COLOR BAR GENERATOR
— TOP VIEW —



INPUT					FUNCTION
PAL/NTSC	MODE	EBU/95%	BAR SP		
0	0	0	0	0	ETIAJ COLOR BAR
0	0	0	1	1	FULL FIELD COLOR BAR
0	0	1	0	1	INHIBIT
0	0	1	1	1	INHIBIT
0	1	0	0	0	ETIAJ COLOR BAR
0	1	0	1	0	FULL FIELD COLOR BAR
0	1	1	0	0	SMPT COLOR BAR
0	1	1	1	0	COLOR BAR + Y BAR
1	0	0	0	0	95% COLOR BAR
1	0	0	1	1	INHIBIT
1	0	1	0	0	EBU COLOR BAR
1	0	1	1	0	INHIBIT
1	1	0	0	0	95% COLOR BAR
1	1	0	1	0	COLOR BAR + Y BAR
1	1	1	0	0	EBU COLOR BAR
1	1	1	1	1	INHIBIT

0: LOW LEVEL
1: HIGH LEVEL

O COLOR BAR PATTERN

ETIAJ COLOR BAR					(NTSC)	
GRAY	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE
- I	WHITE	+ Q				BLACK

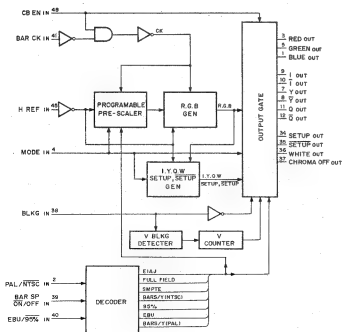
COLOR BAR + Y BAR					(PAL 1st INTFC)	
WHITE	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE
WHITE	GRAY	GRAY	GRAY	GRAY	GRAY	BLACK

FULL FIELD COLOR BAR					(INTFC)	
GRAY	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE

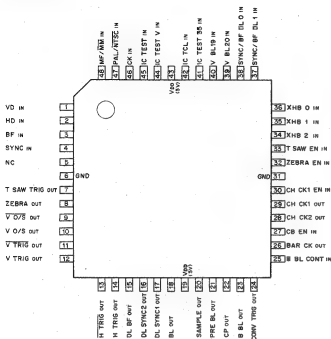
95% COLOR BAR					(PAL 1st INTFC)	
WHITE	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE
WHITE	GRAY	GRAY	GRAY	GRAY	GRAY	BLACK

SMPT COLOR BAR					(INTFC)	
GRAY	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE
BLUE	BLACK	WHITE	BLACK	CYAN	BLACK	GRAY
- I	WHITE	+ Q	BLACK	BLACK	BLACK	BLACK

EBU COLOR BAR					(PAL 1st INTFC)	
WHITE	YELLOW	CYAN	GREEN	MAGENTA	RED	BLUE
WHITE	GRAY	GRAY	GRAY	GRAY	GRAY	BLACK



CX7969 (SONY)
C-MOS PULSE GENERATOR
— TOP VIEW —



1. SYSTEM DESIGNATION

INPUT	SYSTEM
PAL/NTSC IN	PAL, SECAM
0	NTSC, PALM

2. TYPE OF TUBE

INPUT	FUNCTION
MF/RM IN	MAG-STA TUBE
0	MAG-MAG TUBE

3. V BLKG WIDTH (INTSC ONLY)

INPUT	V BL 19	V BL 20	V BLKG WIDTH
1	X	X	19H
0	1	20H	20H
0	0	21H	21H

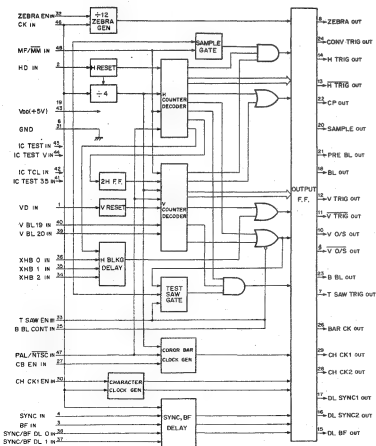
4. H BLKG WIDTH

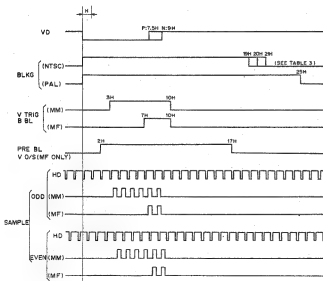
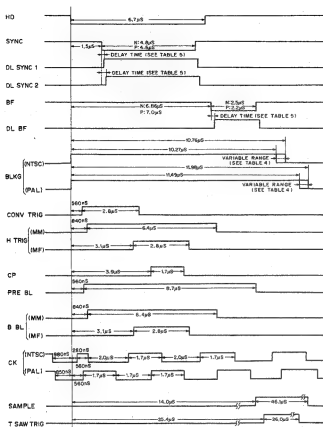
INPUT	BLKG WIDTH (μs)	NTSC	PAL
0	1	10.27	11.49
1	1	10.34	11.56
1	0	10.41	11.63
1	0	10.48	11.70
0	1	10.55	11.77
0	1	10.62	11.84
0	0	10.69	11.91
0	0	10.76	11.98

5. DELAY TIME

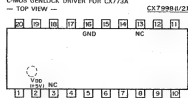
INPUT	DELAY TIME (ns)	DL SYNC I	DL BF
1	1	140	140
1	0	210	210
0	1	650	700
0	0	700	770

1: HIGH LEVEL
0: LOW LEVEL
X: DON'T CARE



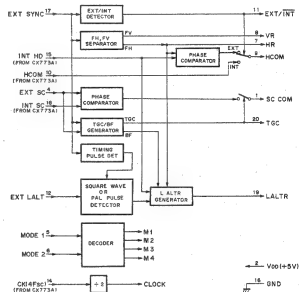


CX7996 (SONY) FLAT PACKAGE
C-MOS GENLOCK DRIVER FOR CX773A
— TOP VIEW —

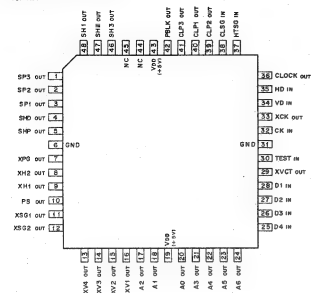


INPUTS		EXT LOCK MODE	
MODE 1	MODE 2	M 1	M 2
0	0	M 1	PAL/VBS
1	0	M 2	PAL/M/VBS
0	1	M 3	PAL/VS/SC/LALT
			SEC/MVS/SC/LALT
1	1	M 4	NTSC/VBS
			NTSC/VS/SC
			PAL/MVS/SC/LALT

0: LOW LEVEL
1: HIGH LEVEL



CXD1035BQ-Z (SONY FLAT PACKAGE)
CAMOS TIMING PULSE GENERATOR FOR CCD CAMERA
— TOP VIEW —

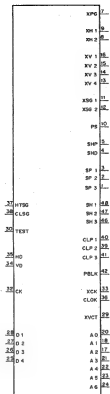


MODE SELECTION WITHOUT ROM

	H	L
D1	0	1
D2	1-CHIP COLOR	B/W, 3-CHIP COLOR
D3	FRAME	FIELD
D4	TEA (HTSG, PCL-M)	CC (CMAPL, SECAM)

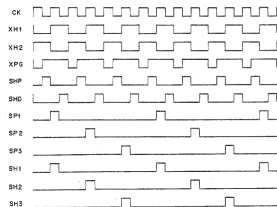
0: Connect D1 to GND without ROM (ROM OFF)

H: VDD
L: GND

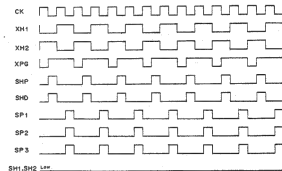


D1~D4: EXTERNAL ROM DATA INPUT
A0~A6: EXTERNAL ROM ADDRESS OUTPUT

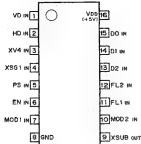
1-CHIP COLOR



B/W, 3-CHIP COLOR



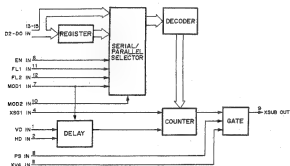
CKD1141M (SONY)
CMOS ELECTRIC SHUTTER TIMING PULSE GENERATOR
FOR ICX022/ICX024
— TOP VIEW —



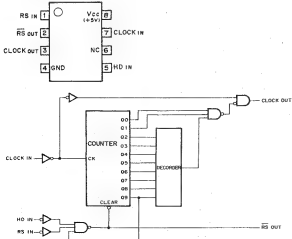
MODE SELECTION

EN	MOD	MOD2	FL1	FL2	D2	D1	D0	SHUTTER SPEED
1	1	1	1	1	0	0	0	1/60
1	1	1	1	1	0	0	1	1/125
1	1	1	1	1	0	1	0	1/250
1	1	1	1	1	0	1	1	1/500
1	1	1	1	1	1	0	0	1/1000
1	1	1	1	1	1	0	1	1/2000
1	1	1	1	1	1	1	0	1/4000
1	0	1	1	1	0	0	0	1/60
1	0	1	1	1	0	0	1	1/125
1	0	1	1	1	0	1	0	1/250
1	0	1	1	1	0	1	1	1/500
1	0	1	1	1	1	0	0	1/1000
1	0	1	1	1	1	0	1	1/2000
1	0	1	1	1	1	1	0	1/4000
1	0	1	1	1	1	1	1	1/10000
1	1	1	0	1				1/50
1	1	1	0	0				1/100
1	0	0	0	1				1/100
1	0	0	0	0				1/120
0								NORMAL

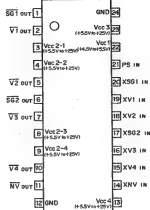
0: LOW LEVEL
1: HIGH LEVEL



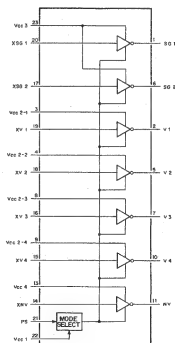
CKD1361M (TI) FLAT PACKAGE
CLOCK CONTROLLER
— TOP VIEW —



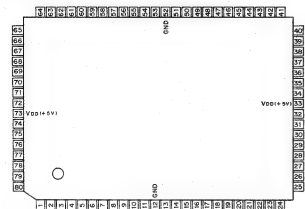
CKA1065M (SONY) FLAT PACKAGE
INVERTING DRIVER FOR CCD CLOCK WITH POWER SAVE
— TOP VIEW —



XV1-XV4: VERTICAL REGISTER TRANSMISSION CLOCK (INPUT)
V1-V4: VERTICAL REGISTER TRANSMISSION CLOCK OUTPUT
XS01, XS02: SENSER GATE PULSE INPUT
S01, S02: SENSER GATE PULSE OUTPUT
RV: DRIVER INPUT
XV: DRIVER OUTPUT
PS: POWER SAVE INPUT
Vcc 1: BIAS VOLTAGE
Vcc 2-1: V1 OUTPUT PULSE VOLTAGE
Vcc 2-2: V2 OUTPUT PULSE VOLTAGE
Vcc 2-3: V3 OUTPUT PULSE VOLTAGE
Vcc 2-4: V4 OUTPUT PULSE VOLTAGE
Vcc 3: S01, S02 OUTPUT PULSE VOLTAGE
Vcc 4: RV OUTPUT PULSE VOLTAGE



CXD1152Q (SONY) FLAT PACKAGE
C-MOS TIME CODE GENERATOR/READER
- TOP VIEW -



PN	NO	1/0	SYMBOL	PN	NO	1/0	SYMBOL	PN	NO	1/0	SYMBOL	PN	NO	1/0	SYMBOL
1	0	D	DBS	17	1	C	CS	33	0	Y	YD	49	1	C	CI
2	0	D	DBA	18	1	C	CR	34	1/0	D	DAI	50	0	C	CM
3	0	D	DBS	19	1	C	CS	35	0	D	DAI	51	0	C	CM
4	0	D	DBA	20	1	C	CR	36	1/0	D	DAI	52	0	C	CM
5	0	D	DBS	21	1	C	CS	37	0	D	DAI	53	0	C	CM
6	0	D	DBA	22	1	C	CR	38	1/0	D	DAI	54	0	C	CM
7	0	D	DBS	23	1	C	CS	39	0	D	DAI	55	0	C	CM
8	0	D	DBA	24	1	C	CR	40	1/0	D	DAI	56	0	C	CM
9	0	D	DBS	25	1	C	CS	41	0	D	DAI	57	0	C	CM
10	0	D	DBA	26	1	C	CR	42	1/0	D	DAI	58	0	C	CM
11	0	D	DBS	27	1	C	CS	43	0	D	DAI	59	0	C	CM
12	0	D	DBA	28	1	C	CR	44	1/0	D	DAI	60	0	C	CM
13	0	D	DBS	29	1	C	CS	45	0	D	DAI	61	0	C	CM
14	0	D	DBA	30	1	C	CR	46	1/0	D	DAI	62	0	C	CM
15	0	D	DBS	31	1	C	CS	47	0	D	DAI	63	0	C	CM
16	0	D	DBA	32	1	C	CR	48	1/0	D	DAI	64	0	C	CM
17	0	D	DBS	33	1	C	CS	49	0	D	DAI	65	0	C	CM
18	0	D	DBA	34	1	C	CR	50	1/0	D	DAI	66	0	C	CM
19	0	D	DBS	35	1	C	CS	51	0	D	DAI	67	0	C	CM
20	0	D	DBA	36	1	C	CR	52	1/0	D	DAI	68	0	C	CM
21	0	D	DBS	37	1	C	CS	53	0	D	DAI	69	0	C	CM
22	0	D	DBA	38	1	C	CR	54	1/0	D	DAI	70	0	C	CM
23	0	D	DBS	39	1	C	CS	55	0	D	DAI	71	0	C	CM
24	0	D	DBA	40	1	C	CR	56	1/0	D	DAI	72	0	C	CM
25	0	D	DBS	41	1	C	CS	57	0	D	DAI	73	0	C	CM
26	0	D	DBA	42	1	C	CR	58	1/0	D	DAI	74	0	C	CM
27	0	D	DBS	43	1	C	CS	59	0	D	DAI	75	0	C	CM
28	0	D	DBA	44	1	C	CR	60	1/0	D	DAI	76	0	C	CM
29	0	D	DBS	45	1	C	CS	61	0	D	DAI	77	0	C	CM
30	0	D	DBA	46	1	C	CR	62	1/0	D	DAI	78	0	C	CM
31	0	D	DBS	47	1	C	CS	63	0	D	DAI	79	0	C	CM
32	0	D	DBA	48	1	C	CR	64	1/0	D	DAI	80	0	C	CM
33	0	D	DBS	49	1	C	CS	65	0	D	DAI	81	0	C	CM
34	0	D	DBA	50	1	C	CR	66	1/0	D	DAI	82	0	C	CM
35	0	D	DBS	51	1	C	CS	67	0	D	DAI	83	0	C	CM
36	0	D	DBA	52	1	C	CR	68	1/0	D	DAI	84	0	C	CM
37	0	D	DBS	53	1	C	CS	69	0	D	DAI	85	0	C	CM
38	0	D	DBA	54	1	C	CR	70	1/0	D	DAI	86	0	C	CM

SIGNAL DESCRIPTION

```

BA0-BA2      B ADDRESS INPUTS
BCE          B CHIP ENABLE INPUT ("L":ENABLE)
BOV          B DATA I/O
BRD          B READ INPUT ("L":READ)
BUST         B BUSY OUTPUT
BWR          B WRITE INPUT ("L":WRITE)
CIR0         CIR0 SYSTEM CLOCK INPUT
CIR1         CIR1 CLOCK 1 OUTPUT (CIRIN X 1/16)
CIR2         CIR2 LPT READ INPUT ("L":WRITE)
CIR3         CIR3 CLOCK 2 OUTPUT (CIRIN X 1/8)
CCS          CCS CHIP ENABLE INPUT ("L":ENABLE) (when DSP is low)
ADDRESS      ADDRESS LATCH ENABLE INPUT ("L":ENABLE) (when DSP is high)
CIR4         CIR4 DIRECTION INPUT
CIR5         CIR5 SYSTEM CLOCK INPUT

```

VIDEO SIGNAL FORMAT	CKIN
SMPTTE 29.97HZ 525LINE	14.318MHZ
ESU 25HZ 625LINE	14.500MHZ

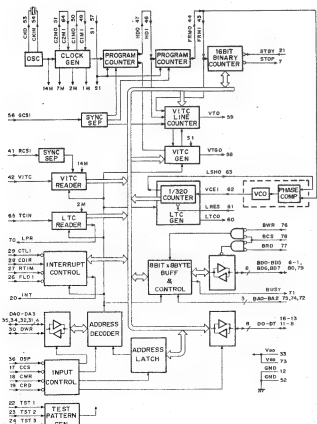
CEO	CLOCK OUTPUT
CRD	C READ INPUT ("L":READ)
CTL	CTL SIGNAL INPUT
CWR	C WRITE INPUT ("L":WRITE)
D0-D7	DATA I/O (when DSP is low)/ ADDRESS INPUTS

DATA0-DA3	E ADDRESS INPUTS (when DSP is high)
	D ADDRESS OUTPUT (when DSP is low)
DATA	DEMODULATED SERIAL DATA OUTPUT
CLK	DEMODULATED CLOCK OUTPUT
DSP	DISPLAY BUS SELECT INPUT

```

DWER  DER CONTROLS COS,DMO-DAS AND DWR.
DWR   DWR DATA ADDRESS INPUT OUTPUT
DWR   WRITE ENABLE INPUT ("L"=ENABLE) (S=1 LOW)
DWR   READ ENABLE INPUT ("H"=HIGH) (S=1 LOW)
EAD   ADDRESS BUS INPUT
FLA1  FIELD REFERENCE INPUT ("L"=FIELD 1)
FLA2  FRAME REFERENCE INPUT ("L"=FIELD 2)
FLST  FRAME SIGNAL OUTPUT
GOS   GOS COMMANDS INPUT
GLOST  LOST SYNC FLAG OUTPUT
HDI   HORIZONTAL SYNC INPUT
HDO   HORIZONTAL SYNC OUTPUT
INT   INTERRUPT REQUEST OUTPUT
LAP   LINE ADDRESS INPUT
LRC   LRC COUNTER RESET INPUT ("L"=RESET)
LSC   LSC COUNTER SIGNAL OUTPUT
LSPC  LSC SIGNAL OUTPUT
PWR   SYSTEM RESET INPUT ("L"=PWR)
RCSI  COMPOSITE TEST INPUT
RST   RESET SYNC WORD DATA OUTPUT
RST   RESET SYNC WORD TEST INPUT
SFLD  FIELD DATA OUTPUT
SFLD  FIELD DATA ADDRESS ("L"=RESET)
VTC   VIDEO DATA OUTPUT

```



```

S1 SIGNAL FORMAT SELECT INPUT
   "R":INTSC/PAL-M 29.948HZ 525LINE
   "L":PAL/SECAM 25HZ 625LINE

SLCK SELECT CLOCK INPUT
   "H"
   CTRN 4.110MHz 04.5MHz 0.159MHz 0.25MHz
   SPEC SMPIS EBU SMPTE EBU

SLRN READ LINE SELECT INPUT
STBY STANDBY RESET FLAG INPUT
STOP STOP OUTPUT ("L":STOP)
TCIN LONGITUDINAL TIME AND CONTROL CODE INPUT
TST1-TST3 TEST INPUT
VCEI LTC CLOCK INPUT
VDO HORIZONTAL SYNC DRIVE OUTPUT
VITC VITC SIGNAL INPUT
VPOD VIDEO SIGNAL OUTPUT
VTC VITC SIGNAL OUTPUT ("R":VINC)

```

CKIN	24.310MHz	14.5MHz	0.159MHz	0.25MHz
SPEC	SMPT	EBU	SMPT	EBU

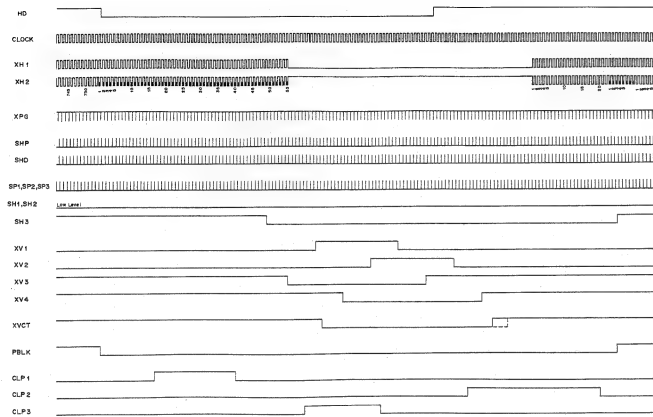
	SPEC	SMPLE	END	SMPLE	END
SLIM	READ SIZE SELECT INPUT				
STBY	STANDBY READ FLAG INPUT				
STOP	STOP OUTPUT ("L" STOP)				
TCIN	LONGITUDINAL TIME AND CONTROL CODE INPUT				

```

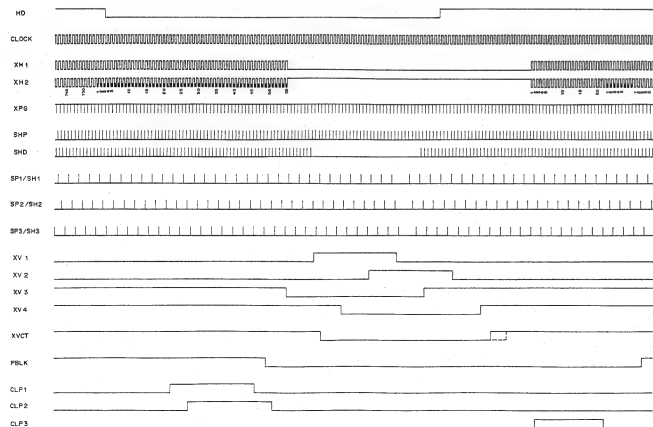
TST1-TST3
TEST INPUT
VCEI LTC CLOCK INPUT
VDO HORIZONTAL SYNC DRIVE OUTPUT
VITC VITC SIGNAL INPUT
VFGO VITC GATE SIGNAL OUTPUT
VTO VITC SIGNAL OUTPUT ("B":VITC)

```

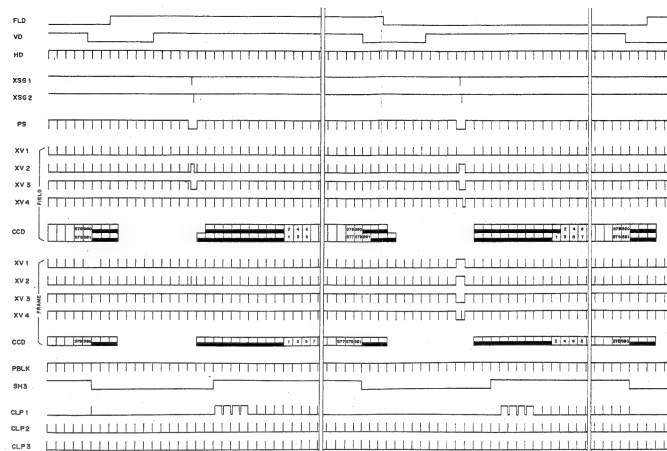
CCIR (PAL, SECAM) B/W, 3-CHIP COLOR



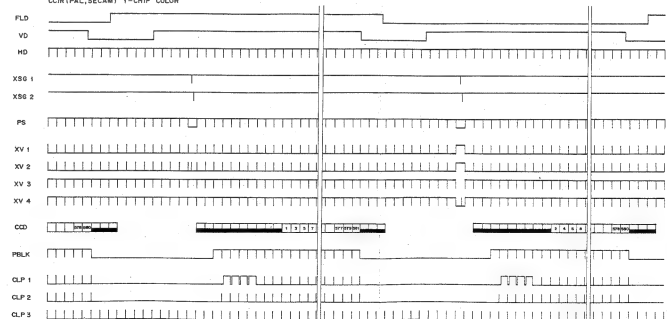
CCIR (PAL, SECAM) 1-CHIP COLOR



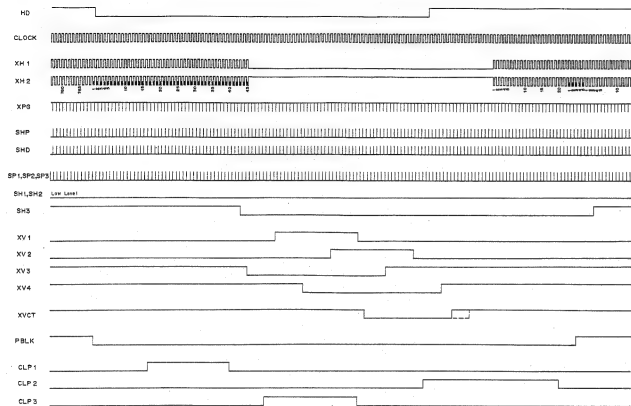
CCIR (PAL, SECAM) B/W, 3-CHIP COLOR



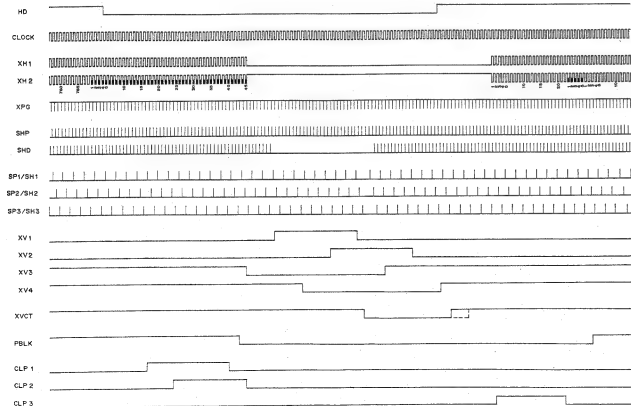
CCIR (PAL, SECAM) 1-CHIP COLOR



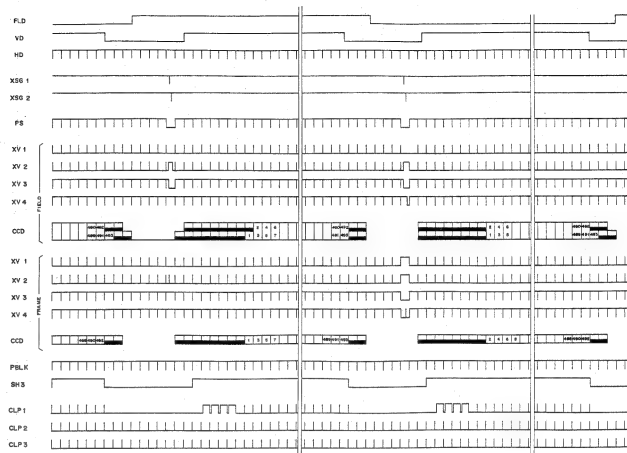
EIA (NTSC, PALM) B/W, 3-CHIP COLOR



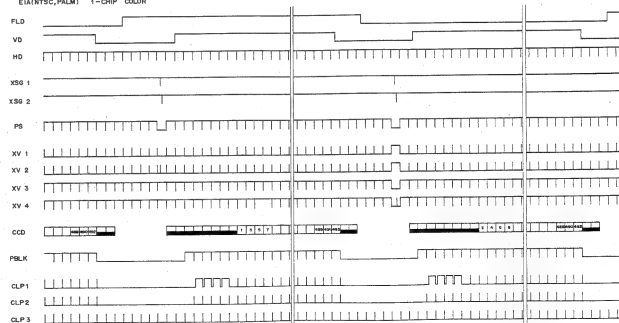
EIA (NTSC, PALM) 1-CHIP COLOR



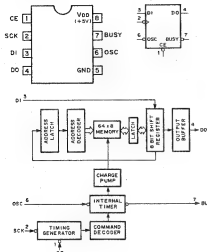
EIA (NTSC, PALM) B/W, 3-CHIP COLOR



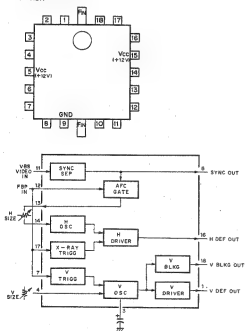
EIA (NTSC, PALM) 1-CHIP COLOR



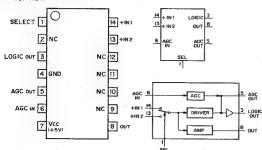
CKX1011P (SANYO)
8 M-BUS 5.2-BIT (8448) NON-VOLATILE MEMORY
— TOP VIEW —



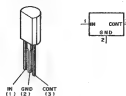
HA11423MP (HITACHI) FLAT PACKAGE
TV SYNCH SIGNAL PROCESSOR
— TOP VIEW —



LA7205M (SANYO) FLAT PACKAGE
TAPE TOP-REND DETECTOR
— TOP VIEW —



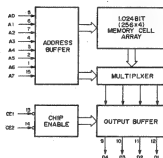
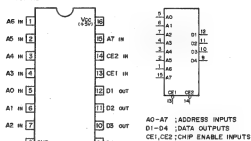
M5236L (MITSUBISHI)
ADJUSTABLE VOLTAGE REGULATOR
— TOP VIEW —



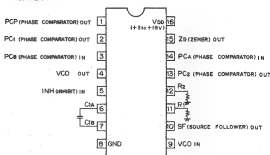
M5236ML (MITSUBISHI)
ADJUSTABLE VOLTAGE REGULATOR
— TOP VIEW —



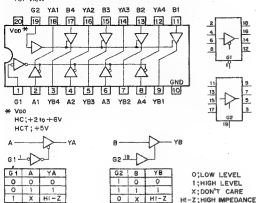
MB7114LPF (FUJITSU) (ACCESS TIME = 50ns) FLAT PACKAGE
1024-BIT (256K) PROM
— TOP VIEW —



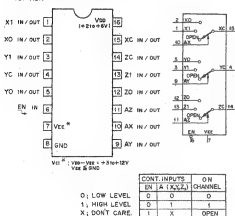
MC14046BF (MOTOROLA) FLAT PACKAGE
C-MOS PHASE LOCKED LOOP
— TOP VIEW —



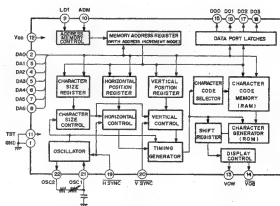
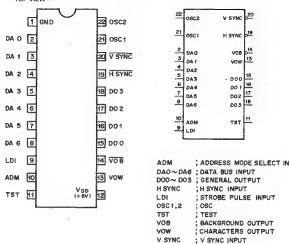
MC74HC241F (MOTOROLA) FLAT PACKAGE
C-MOS 5-STATE NONINVERTING BUFFER/LINE DRIVER/RECEIVER
— TOP VIEW —



MC74HC4053F (MOTOROLA) FLAT PACKAGE
TC74HC4053AF (TOSHIBA) FLAT PACKAGE
C-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER
— TOP VIEW —



MN1237AD (MATSUSHITA)
C-MOS INDICATES DATA OF 80 CHARACTERS CRT INTERFACE
— TOP VIEW —

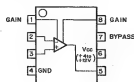


A B C D E F G H I J
 K L M N O P Q R S T
 U V W X Y Z
 0 1 2 3 4 5 6 7 8 9
 . : - - ? / □ □

NJM062M (JRC) FLAT PACKAGE
TL062CPS (T) FLAT PACKAGE
OPERATIONAL AMPLIFIER
(JFET INPUT)
— TOP VIEW —



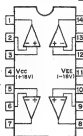
NJM060M (JRC) FLAT PACKAGE
AUDIO POWER AMPLIFIER
— TOP VIEW —



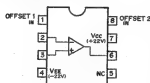
NJM4559M (JRC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



NJM064M (JRC) FLAT PACKAGE
TL064CNS (T) FLAT PACKAGE
OPERATIONAL AMPLIFIER
(J-FET INPUT)
— TOP VIEW —



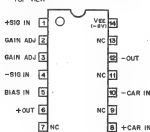
OP07DPS (T) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



RC2041MD (RAYTHEON) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



RC1486M (RAYTHEON) FLAT PACKAGE
BALANCED MODULATOR/DEMODULATOR
— TOP VIEW —



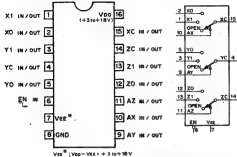
NJM2003M (JRC) FLAT PACKAGE
VOLTAGE COMPARATOR
— TOP VIEW —



RC2048MD (RAYTHEON) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



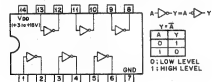
TC4053BF (TOSHIBA) FLAT PACKAGE
TC4053BFH (TOSHIBA) FLAT PACKAGE
MC14053BF (MOTOROLA) FLAT PACKAGE
C-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER
— TOP VIEW —



CONTROL INPUTS		ON
EN	A (X,Y,Z)	CHANNEL
0	0	0
0	1	1
1	X	OPEN

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

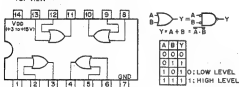
TC4069BUF (TOSHIBA) FLAT PACKAGE
MC14069BUF (MOTOROLA) FLAT PACKAGE
C-MOS INVERTER
— TOP VIEW —



A	Y
0	1
1	0

0: LOW LEVEL
1: HIGH LEVEL

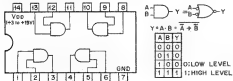
TC4071BF (TOSHIBA)
MC14071BF (MOTOROLA) FLAT PACKAGE
C-MOS 2-INPUT OR GATE
— TOP VIEW —



A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0: LOW LEVEL
1: HIGH LEVEL

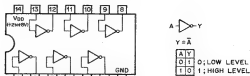
TC4081SF (TOSHIBA) FLAT PACKAGE
C-MOS 2-INPUT AND GATE
— TOP VIEW —



A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0: LOW LEVEL
1: HIGH LEVEL

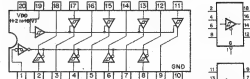
TC401004F (TOSHIBA) FLAT PACKAGE
C-MOS INVERTER
— TOP VIEW —



A	Y
0	1
1	0

0: LOW LEVEL
1: HIGH LEVEL

TC402021F (TOSHIBA) FLAT PACKAGE
C-MOS 3-STATE SCHMITT TRIGGER BUFFER/LINE DRIVER
— TOP VIEW —



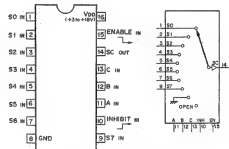
G	A	Y
0	0	0
0	1	1
1	0	HI-Z
1	1	HI-Z

HI-Z: HIGH IMPEDANCE

G	A	Y
0	0	0
0	1	HI-Z
1	0	0
1	1	1

HI-Z: HIGH IMPEDANCE

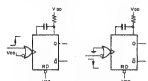
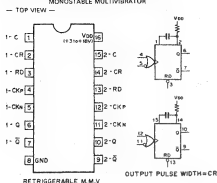
TC4512BF (MOTOROLA) FLAT PACKAGE
C-MOS 8-CHANNEL DATA SELECTOR/MULTIPLEXER
— TOP VIEW —



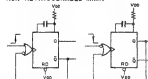
CONTROL INPUTS				OUTPUT	
EN	INH	C	R	A	SC
0	0	0	0	0	S0
0	0	0	0	1	S1
0	0	0	1	0	S2
0	0	0	1	1	S3
0	0	1	0	0	S4
0	0	1	0	1	S5
0	0	1	1	0	S6
0	0	1	1	1	S7
0	1	X	X	X	GND
1	X	X	X	X	OPEN

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

TC4538BF (TOSHIBA) FLAT PACKAGE
TC74HC4538F (TOSHIBA) FLAT PACKAGE
MC14538BF (MOTOROLA) FLAT PACKAGE
C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE
MONOSTABLE MULTIVIBRATOR



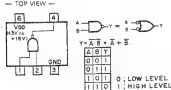
NON-RETRIGGERABLE M.M.V.



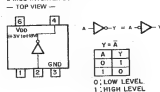
TC4501F (TOSHIBA) FLAT PACKAGE
C-MOS 2-INPUT NOR GATE



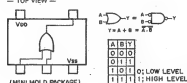
TC4511F (TOSHIBA) FLAT PACKAGE
C-MOS 2-INPUT NAND GATE



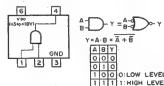
TC4569F (TOSHIBA) FLAT PACKAGE
TC4569BF (TOSHIBA) FLAT PACKAGE
C-MOS INVERTER BUFFER



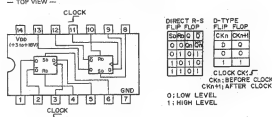
TC4571F (TOSHIBA) FLAT PACKAGE
C-MOS 2-INPUT OR GATE



TC4581F (TOSHIBA) FLAT PACKAGE
C-MOS 2-INPUT AND GATE



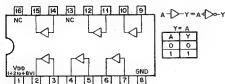
TC504013BF (TOSHIBA) FLAT PACKAGE
C-MOS D-TYPE FLIP FLOP WITH DIRECT SET/RESET



TC56H001 F (TOSHIBA) FLAT PACKAGE

CMOS NON-INVERTING TYPE BUFFER/CONVERTER

— TOP VIEW —

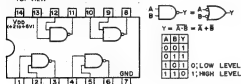


TC74HC00F (TOSHIBA) FLAT PACKAGE

SN74HC00NS (TI) FLAT PACKAGE

CMOS 2-INPUT NAND GATE

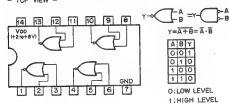
— TOP VIEW —



TC74HC02F (TOSHIBA) FLAT PACKAGE

CMOS 2-INPUT POSITIVE-NOR GATE

— TOP VIEW —

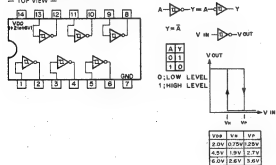


TC74HC14F (TOSHIBA) FLAT PACKAGE

SN74HC14NS (TI) FLAT PACKAGE

CMOS SCHMITT TRIGGER INVERTER

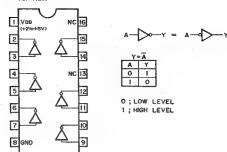
— TOP VIEW —



TC74HC049F (TOSHIBA) FLAT PACKAGE

CMOS HEX BUFFER/CONVERTER (INVERTING)

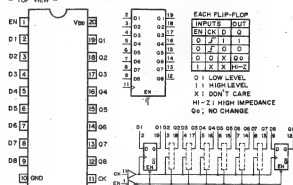
— TOP VIEW —



TC74HC574F (TOSHIBA) (VDD = +2 to +5V) FLAT PACKAGE

CMOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP

— TOP VIEW —

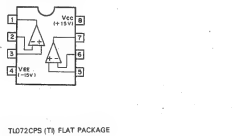


TL082CPS (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER

(J FET-INPUT)

— TOP VIEW —



TL072CPS (TI) FLAT PACKAGE

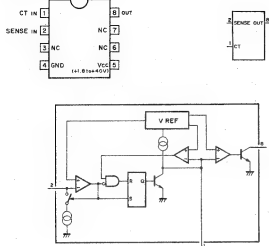
OPERATIONAL AMPLIFIER

(LOW-NOISE, JFET-INPUT)

— TOP VIEW —



TL7700CP5 (T) FLAT PACKAGE
VARIABLE SUPPLY VOLTAGE SUPERVISOR
— TOP VIEW —



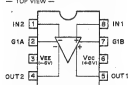
μPC358G2 (NEC) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIERS
— TOP VIEW —



μPC4560G2 (NEC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
— TOP VIEW —



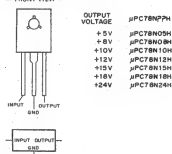
μPC1603G (NEC) FLAT PACKAGE
WIDEBAND VIDEO AMPLIFIER
— TOP VIEW —



μPC311G2 (NEC) FLAT PACKAGE
VOLTAGE COMPARATOR
— TOP VIEW —



μPC78N 77H (NEC)
POSITIVE VOLTAGE REGULATOR
— FRONT VIEW —



TOP VIEW (SCALE 4/1)



25A1162G
25A1226
25A1452
25A1611
25A812
259624

25D1221



TOP VIEW (SCALE 4/1)



DTA114YK
(R1 = 10K, R2 = 47K)
DTA124EU
(R1 = 22K, R2 = 22K)
DTA144EU

TOP VIEW (SCALE 4/1)



25A1219
25B798

25K125



TOP VIEW (SCALE 4/1)



DTC144EU
(R1 = 47K, R2 = 47K)

259907



TOP VIEW (SCALE 4/1)



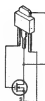
25K209
25K94

TOP VIEW (SCALE 4/1)



25C1008A
25C1623
25C2713
25C2716
25C2757
25C3860
25C3961
25C4177
25C4178
25C4213
25C996
NTM2369

25K612



TOP VIEW (SCALE 4/1)



25C2873
25D1616A

35K163





1S1855
1S18553

TOP VIEW (SCALE 4/1)



1S2835-T1

TOP VIEW (SCALE 4/1)

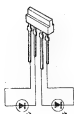


1S2097-T1
1S2904
DAN202U

TOP VIEW (SCALE 4/1)



1S5123
1S5225
DA204U
HSM88AS



BR0035 : RED

TOP VIEW (SCALE 4/1)



DAP202U

TOP VIEW (SCALE 4/1)



E100504



EBR3402S : RED



ERAB1-004



GL5LR40 : RED

(SCALE 2/1)



GL-1HD1 : RED



QP-1554



QP2809



HZ 7 7L
HZ 7 10
HZ 7A 7L
HZ 7B 7L
HZ 7B 7L
HZ 7B 7L
HZ 7B 7L
HZ 7B 7L
HZ 7B 7L
HZ 7B 7L

TOP VIEW (SCALE 4/1)



RD 7 7M
RD 7 7MB



S801-05CP



UD6E
V05C

SECTION 11 SCHEMATIC DIAGRAMS

回路図内において、REF. NOの近傍に下記記号が記載されていますが、これは生産時の部品データです。

In the schematic diagrams, the following marks are described near by reference number. These are parts data at factory.

CAPACITOR (C)

AL	}	ELECTROLYTIC
AS		
TA	}	TANTALUM
CA		
CC	}	CERAMIC
CCS		
CM		
CS		
MPS	}	MYLAR
PP		
PS		
PT		
MD	}	DIPPED MICA
MS		

RESISTOR (R) VARIABLE RESISTOR (RV)

RC	}	CARBON
RD		
RF	}	FUSE
RN		
RS	}	METAL
RW		

CIRCUIT FUNCTION OF THE SCHEMATIC DIAGRAMS

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
CAMERA	CN-273	Connector PCB for BI-22, 23, and 24
	BI-22 BI-23 BI-24	CCD mount
	TG-57P	Timing Generator
	PA-101	Pre-amp (Sample & Hold)
	DR-84	CCD Driver
	VA-83	Video Amp, Black Set, Total Gain Change, Shading Compensator
	IE-20AP	Image Enhancer
	PR-132	Gamma, Masking, Knee, Slope, W.Clip, Dynamic Contrast Control
	EN-79P	Y/R-Y/B-Y Signal Generator for VTR, Encoder, Color Bars Generator
	SG-152P	Sync Generator, Genlock, Sub-regulator
	AT-49A	Auto white/black Function, VF Character Generator, System Controller, Audio Level Detector
	SW-220	SAVE-STBY, Color Bars ON/OFF, DCC ON/OFF, Memory A/B/Preset SW
	SW-357B	Auto White/Black SW VTR Start/Stop SW
	VR-77	Master Black VR

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
VIDEO	VDA-11P	CTDM and C-Modulator
	AFM-6P	Y-Modulator, AFM
	VP-24P	Video Playback, Head Select Pulse Generator
AUDIO	AU-97P	Audio REC/PB Processor
	TB-5	Terminal Board, Audio Confi PB
	FL-55P	Audio Head AMP, Relay Board for TB and A/T Head
SERVO	SV-97AP	Drum/Capstan Servo
SYSTEM CONTROL	SY-117CP	System Control
	KY-124	Function Key Board
TIME CODE	TC-48AP	Time Code Generator, Audio Level Control, Audio Monitor AMP, SW and Indicator for Audio and TC
	VR-70	Volume
POWER	PS-162	Power Distributor
SENSOR	FE-4	Full Erase, Dew and End Sensor
	LD-21	Loading Motor Driver and END Sensor
	SR-40	Mechanical Position Sensor

T FUNCTION
dulator
AFM
k, Head Select or
Processor
d, Audio Confi PB
P, Relay Board T Head
Servo
1
Board
erator, Audio , Audio Monitor ndicator for
utor
ew and End Sensor
Driver and END
sition Sensor

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
OTHERS	MB-173AP	Mother Board
	SW-291	Back Tally
	FL-45	Relay Board for MB and TC
	FL-46	Relay Board for MB and TC
	FL-53	Relay Board for TB and SR
	FL-57	Relay Board for PS and TC
	EX-148	Extension Board

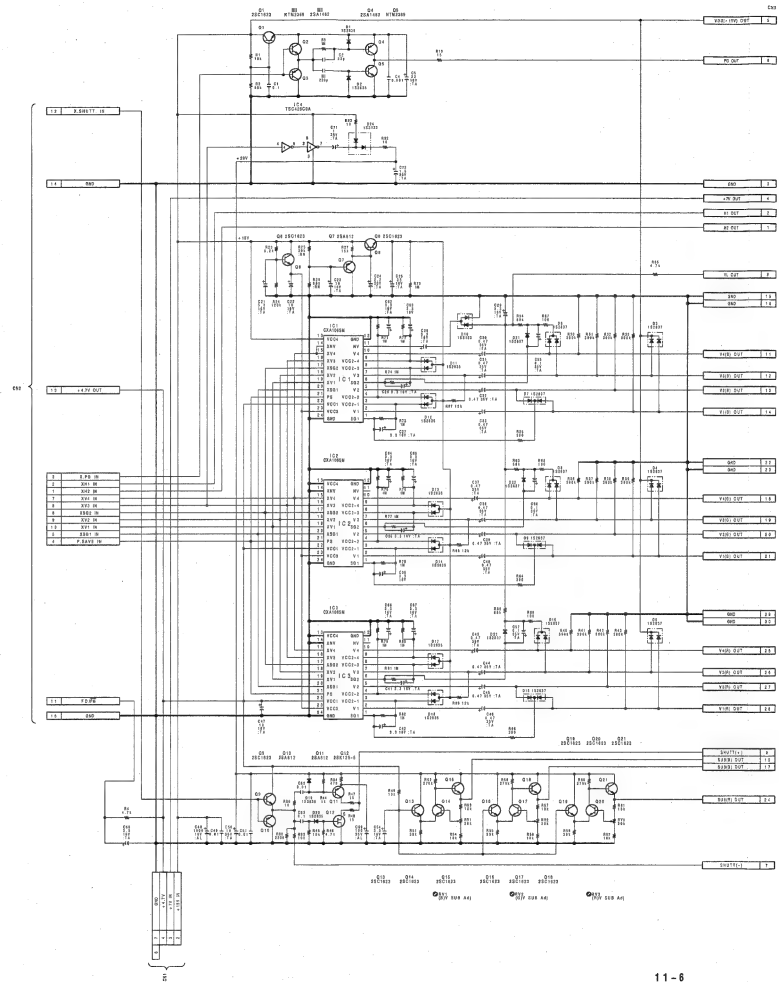
S/N:40784 through 40853

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
VIEW-FINDER	VF-32	Drive and Video Amp for View-Finder, Peaking Signal Generator
	LP-40	BATT/TALLY LED
	LP-42	Front Tally LED
	VR-67	Contrast, Bright, Peaking, Audio Level(CH-1) VR
	SW-260	Tally ON/OFF, Audio Level Indicator ON/OFF, Zebra ON/OFF SW

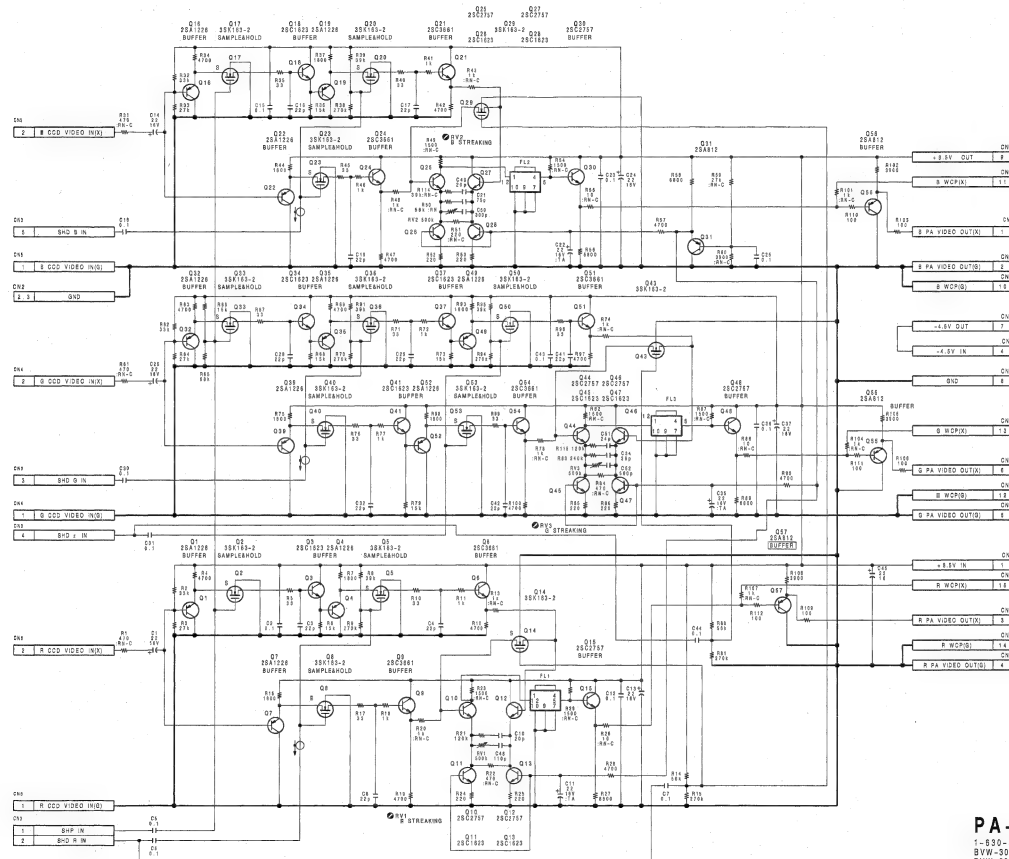
S/N:40854 and higher

SYSTEM	CIRCUIT BOARD	CIRCUIT FUNCTION
VIEW-FINDER	VF-32	Drive and Video Amp for View-Finder, Peaking Signal Generator
	LP-40	REC LED
	LP-42	Front Tally LED
	LP-58A	BATT/VTR SAVE LED
	VR-67	Contrast, Bright, Peaking, Audio Level(CH-1) VR
	SW-260A	Tally ON/OFF, Audio Level Indicator ON/OFF, Zebra ON/OFF SW

CCD-BLOCK
DR-84;CCD DRIVE
PA-101;CCD PREAMP

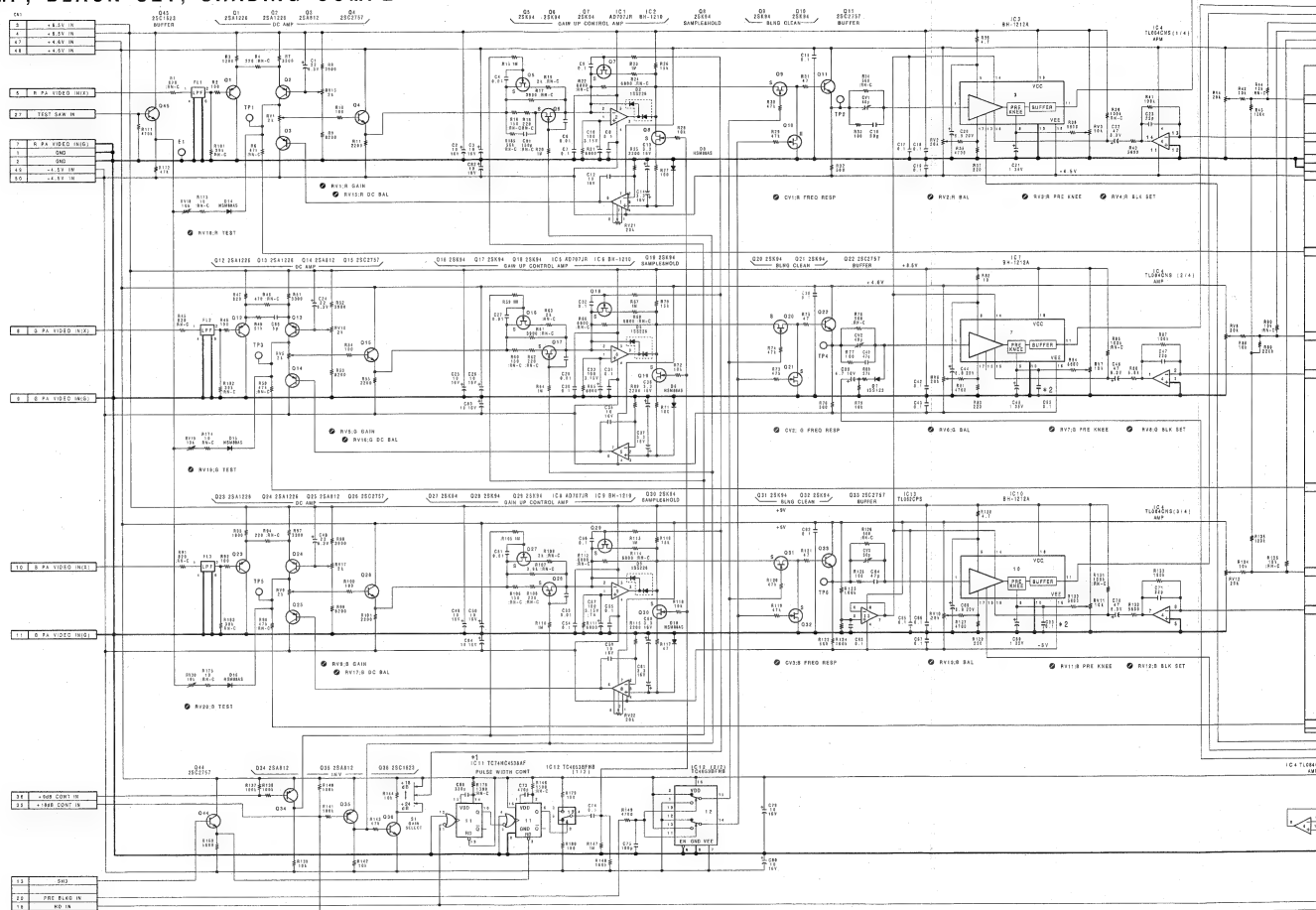


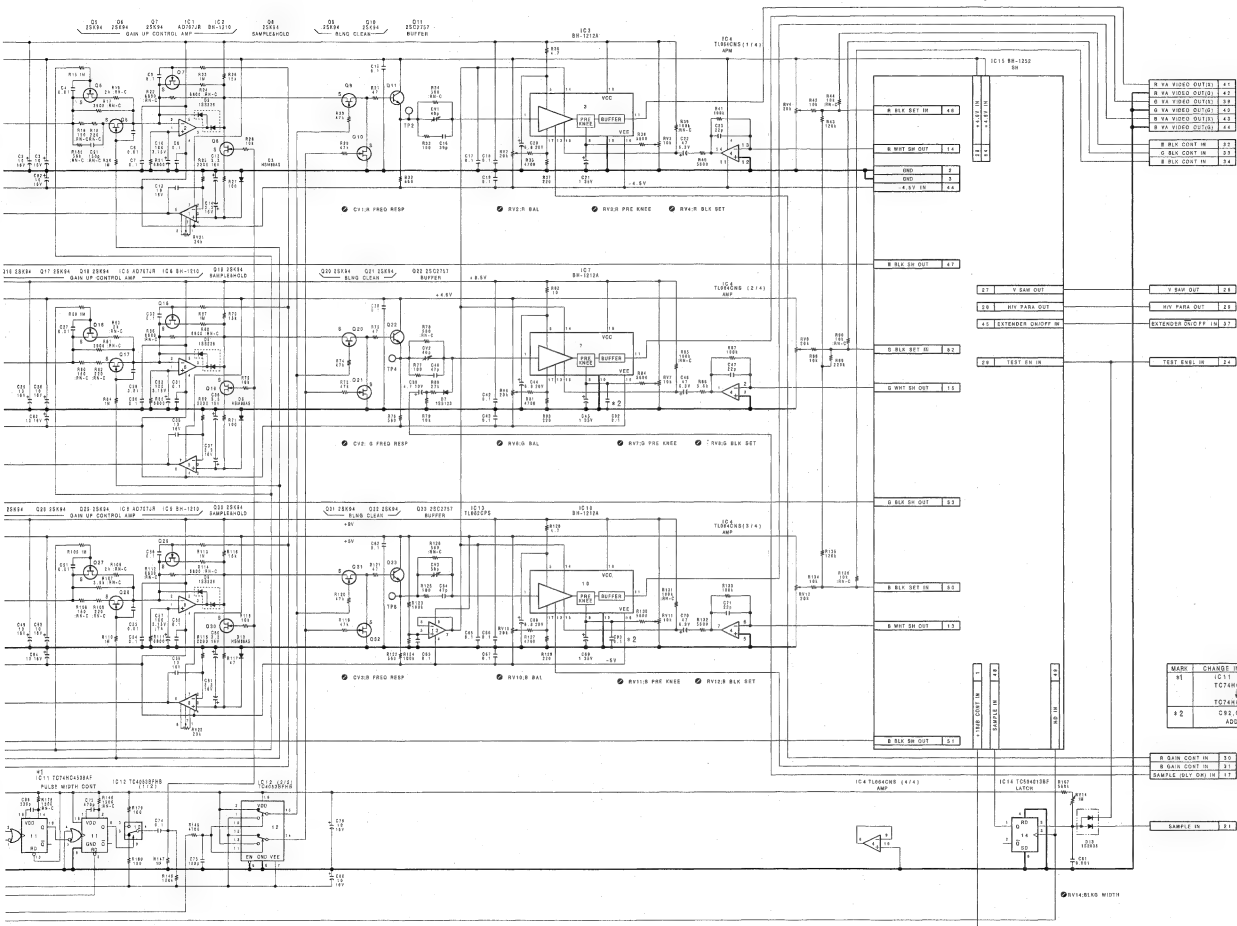
DR-84
1-628-763-13,14
BVW-300
BVW-300P



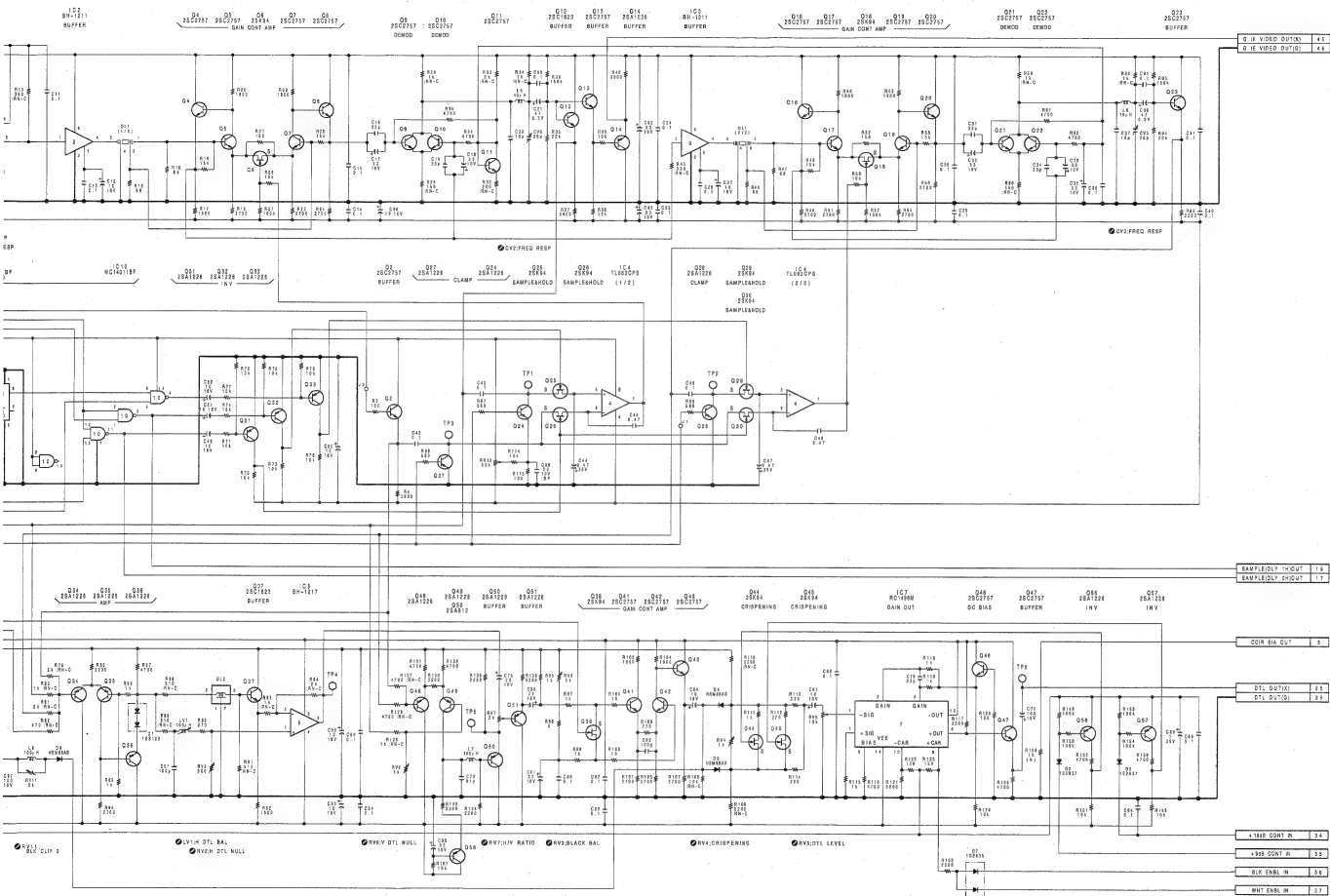
PA-101
1-630-381-12
BVW-300
BVW-300P

VA-83:VIDEO AMP, BLACK SET, SHADING COMPE



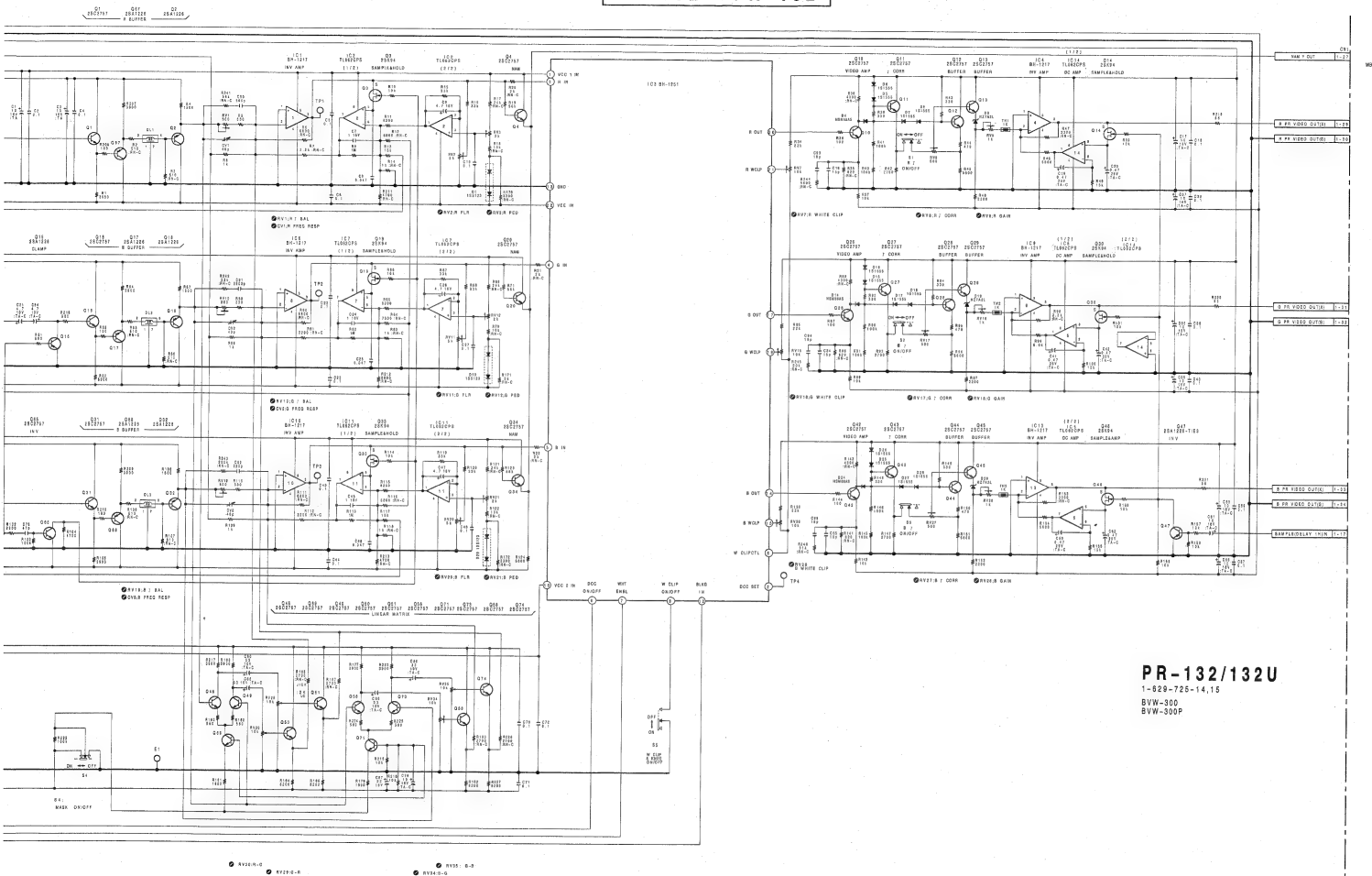


VA-83
1-829-761-13,14
BVW-300
BVW-300P

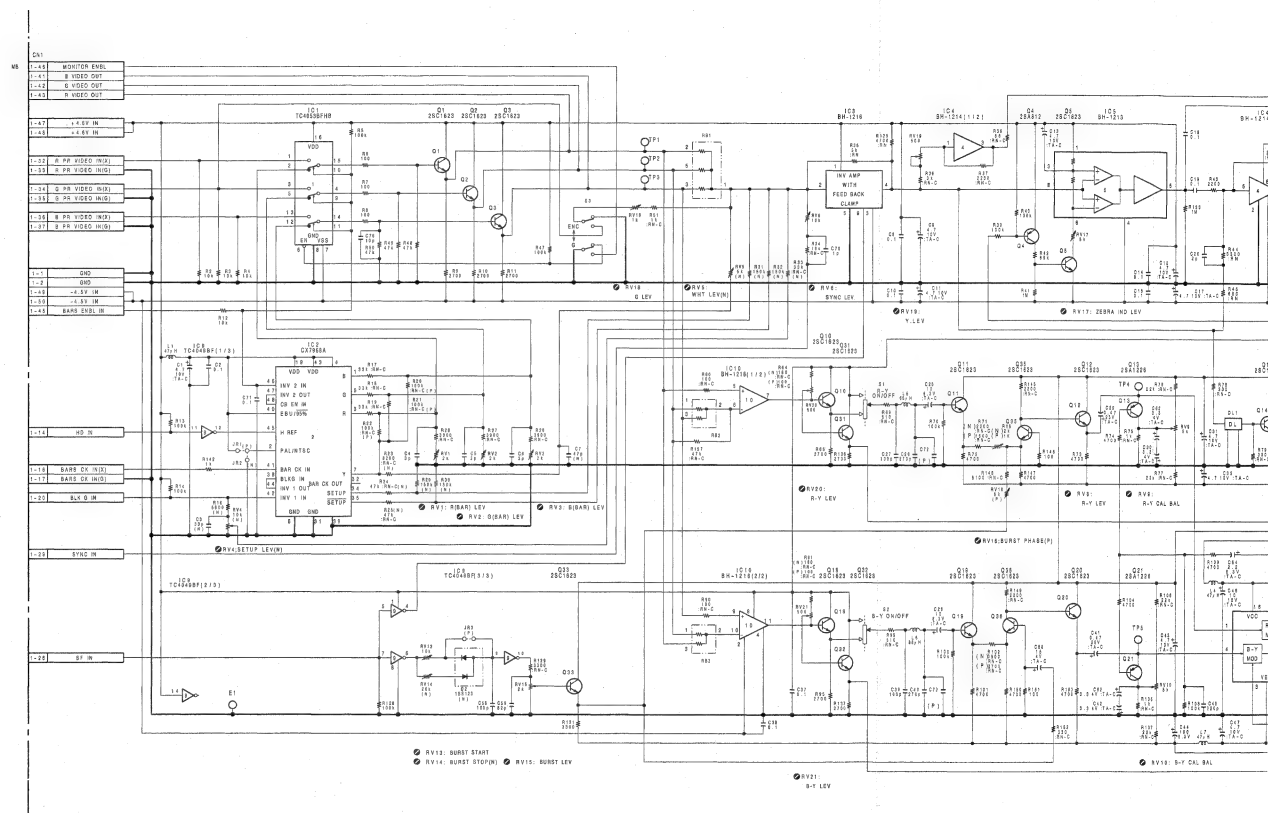


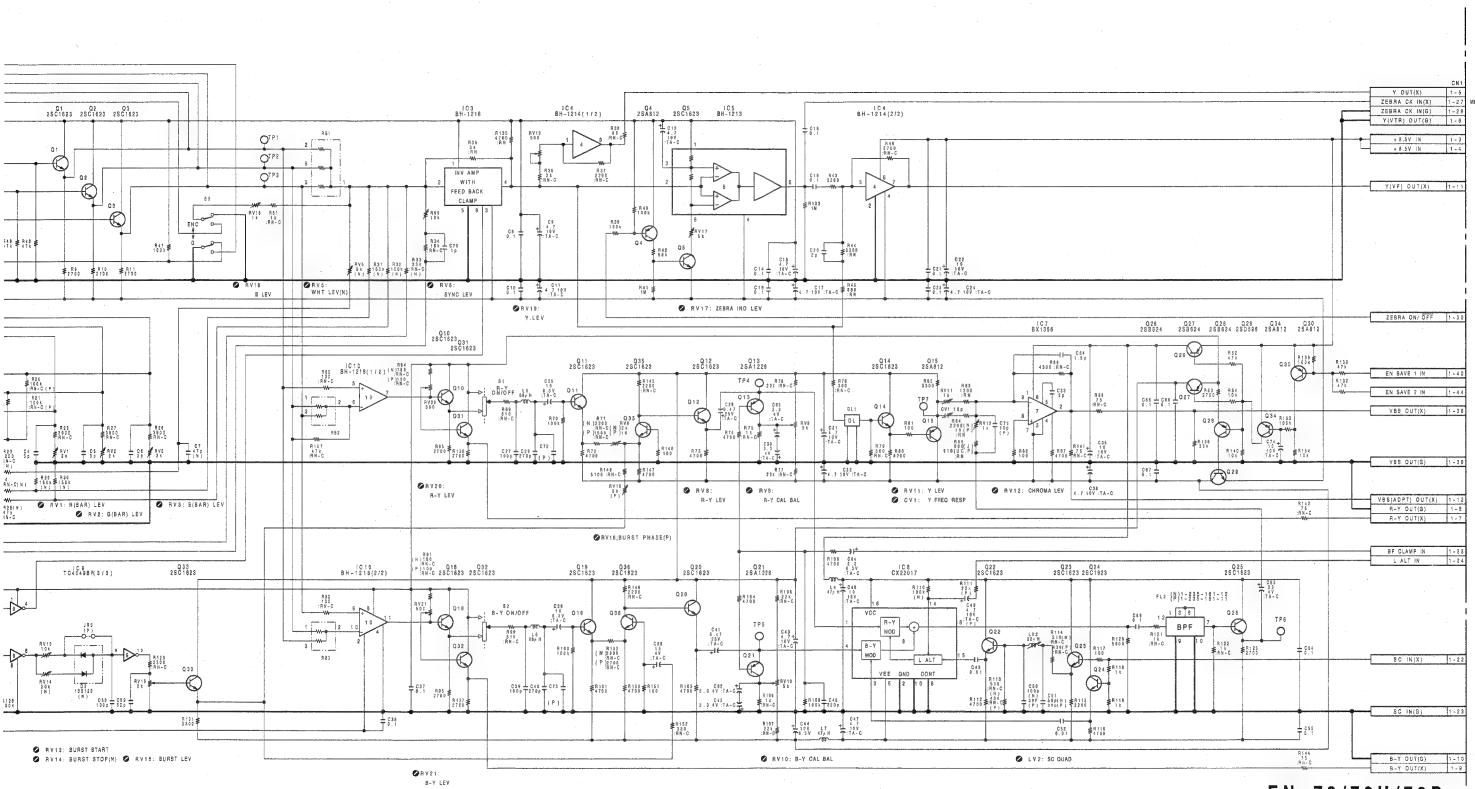
11-24





EN-79P:Y/R-Y/R-Y SIGNAL GEN,ENCODER,CB GEN





EN-79/79U/79P
1-629-727-13
BVW-200
BVW-200P
BVW-300
BVW-300P

1

The schematic diagram illustrates the internal circuitry of the SG-157P. It features a complex network of resistors, capacitors, and integrated circuits, including operational amplifiers and comparators. The circuit is divided into several functional blocks, such as the input stage, the main processing stage, and the output stage. The pinout table on the right side provides a detailed list of the pins and their functions, including inputs, outputs, and control signals.

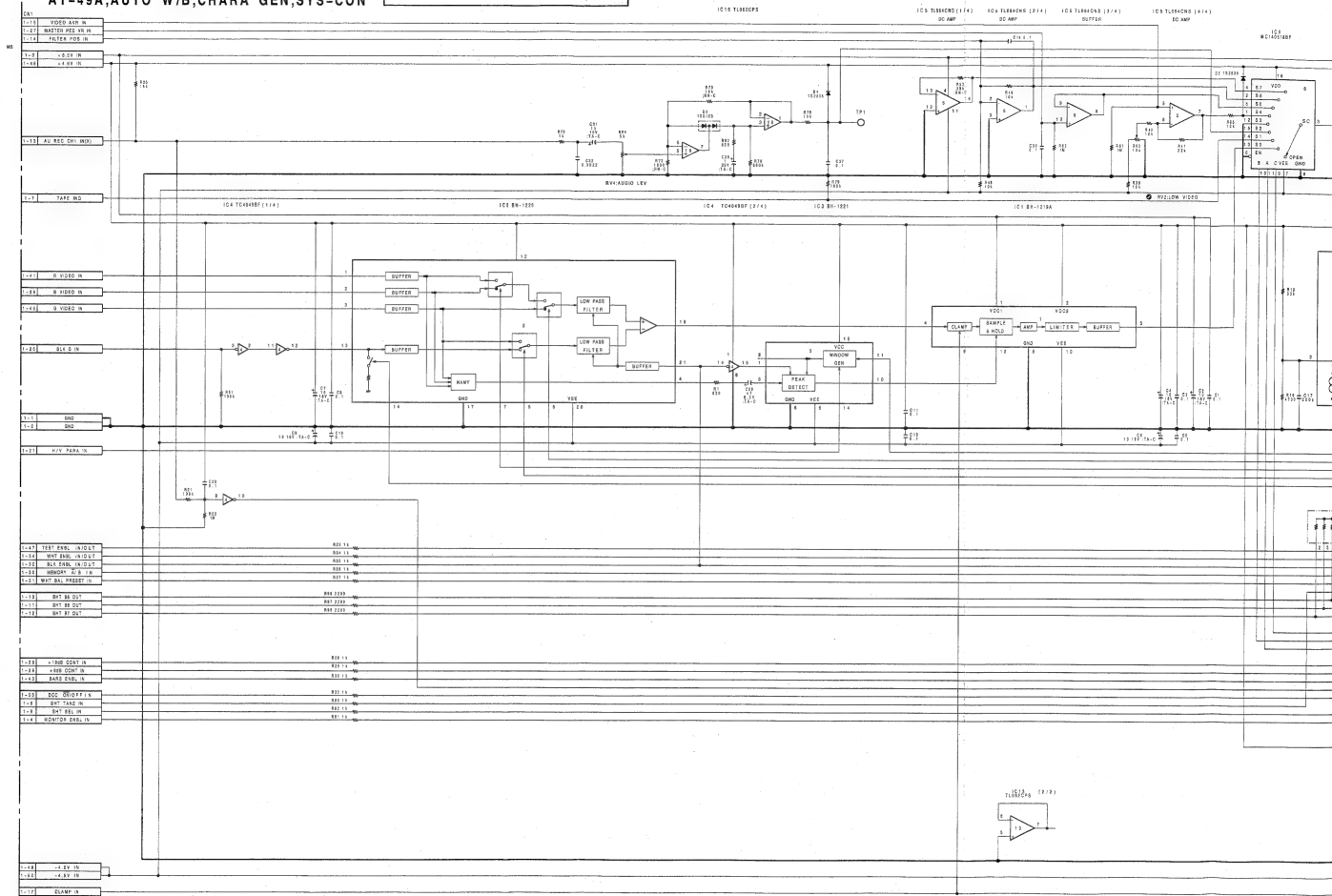
Pinout Table:

Pin	Function
1	COMP. STROBE IN
2	COMP. STROBE OUT
3	BIAS. OUT
4	BIAS. IN
5	BIAS. OUT
6	BIAS. IN
7	BIAS. OUT
8	BIAS. IN
9	BIAS. OUT
10	BIAS. IN
11	BIAS. OUT
12	BIAS. IN
13	BIAS. OUT
14	BIAS. IN
15	BIAS. OUT
16	BIAS. IN
17	BIAS. OUT
18	BIAS. IN
19	BIAS. OUT
20	BIAS. IN
21	BIAS. OUT
22	BIAS. IN
23	BIAS. OUT
24	BIAS. IN
25	BIAS. OUT
26	BIAS. IN
27	BIAS. OUT
28	BIAS. IN
29	BIAS. OUT
30	BIAS. IN
31	BIAS. OUT
32	BIAS. IN
33	BIAS. OUT
34	BIAS. IN
35	BIAS. OUT
36	BIAS. IN
37	BIAS. OUT
38	BIAS. IN
39	BIAS. OUT
40	BIAS. IN
41	BIAS. OUT
42	BIAS. IN
43	BIAS. OUT
44	BIAS. IN
45	BIAS. OUT
46	BIAS. IN
47	BIAS. OUT
48	BIAS. IN
49	BIAS. OUT
50	BIAS. IN
51	BIAS. OUT
52	BIAS. IN
53	BIAS. OUT
54	BIAS. IN
55	BIAS. OUT
56	BIAS. IN
57	BIAS. OUT
58	BIAS. IN
59	BIAS. OUT
60	BIAS. IN
61	BIAS. OUT
62	BIAS. IN
63	BIAS. OUT
64	BIAS. IN
65	BIAS. OUT
66	BIAS. IN
67	BIAS. OUT
68	BIAS. IN
69	BIAS. OUT
70	BIAS. IN
71	BIAS. OUT
72	BIAS. IN
73	BIAS. OUT
74	BIAS. IN
75	BIAS. OUT
76	BIAS. IN
77	BIAS. OUT
78	BIAS. IN
79	BIAS. OUT
80	BIAS. IN
81	BIAS. OUT
82	BIAS. IN
83	BIAS. OUT
84	BIAS. IN
85	BIAS. OUT
86	BIAS. IN
87	BIAS. OUT
88	BIAS. IN
89	BIAS. OUT
90	BIAS. IN
91	BIAS. OUT
92	BIAS. IN
93	BIAS. OUT
94	BIAS. IN
95	BIAS. OUT
96	BIAS. IN
97	BIAS. OUT
98	BIAS. IN
99	BIAS. OUT
100	BIAS. IN

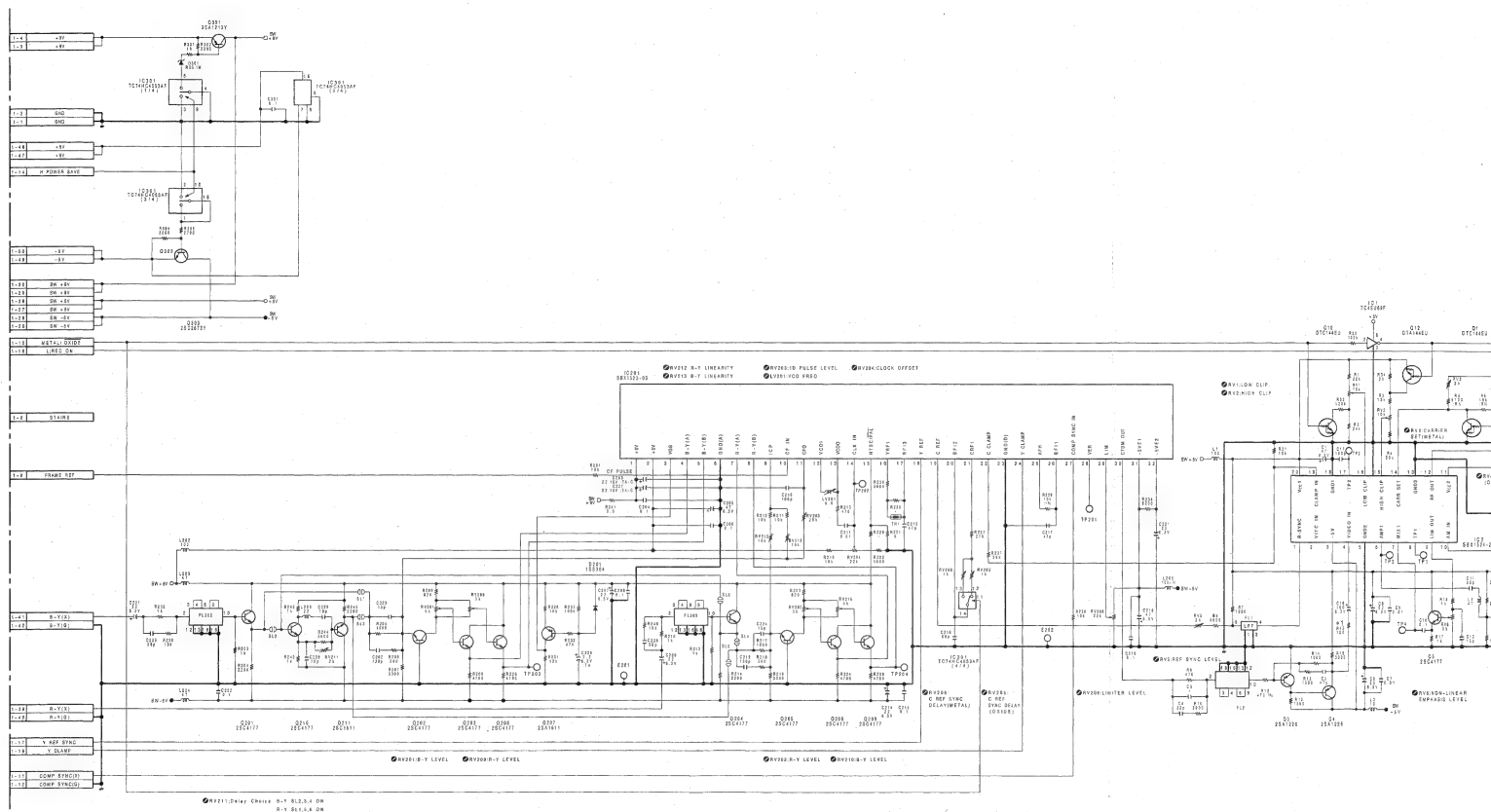
MARY	CHANGE INFORMATION	SERIAL NO.
# 1	IC8 TC74HC4538F ↓ MC74HC4538F	40854-
# 2	IC14 MS236L ↓ MS237L	41101-

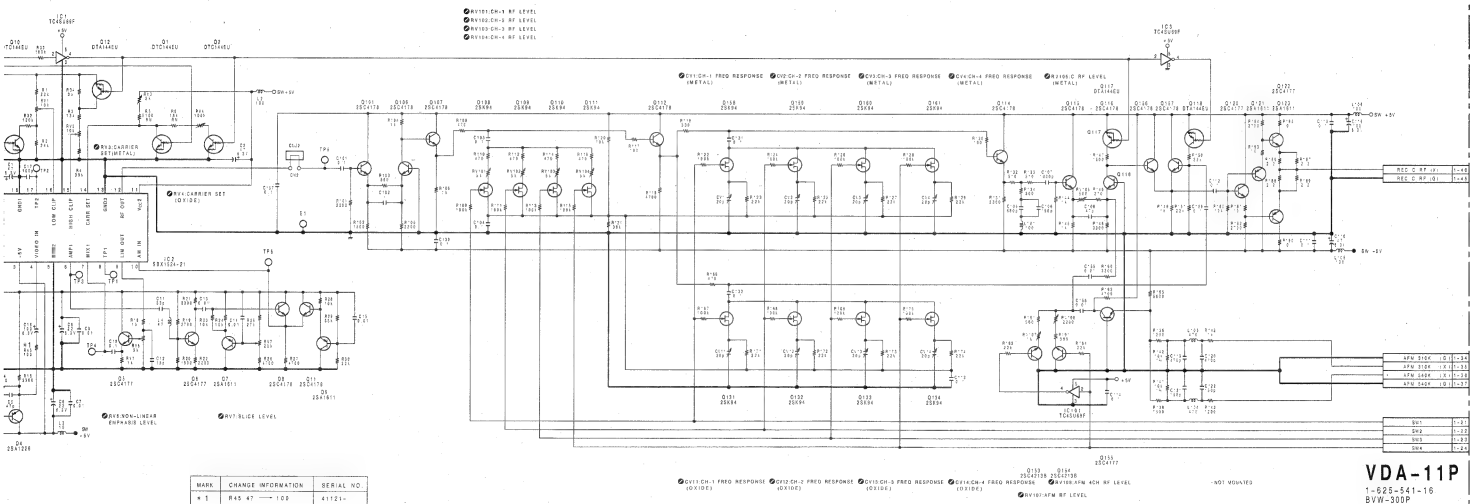
SG-152P
SG-157P

1-629-762-24
1-629-726-13
BVW-300P



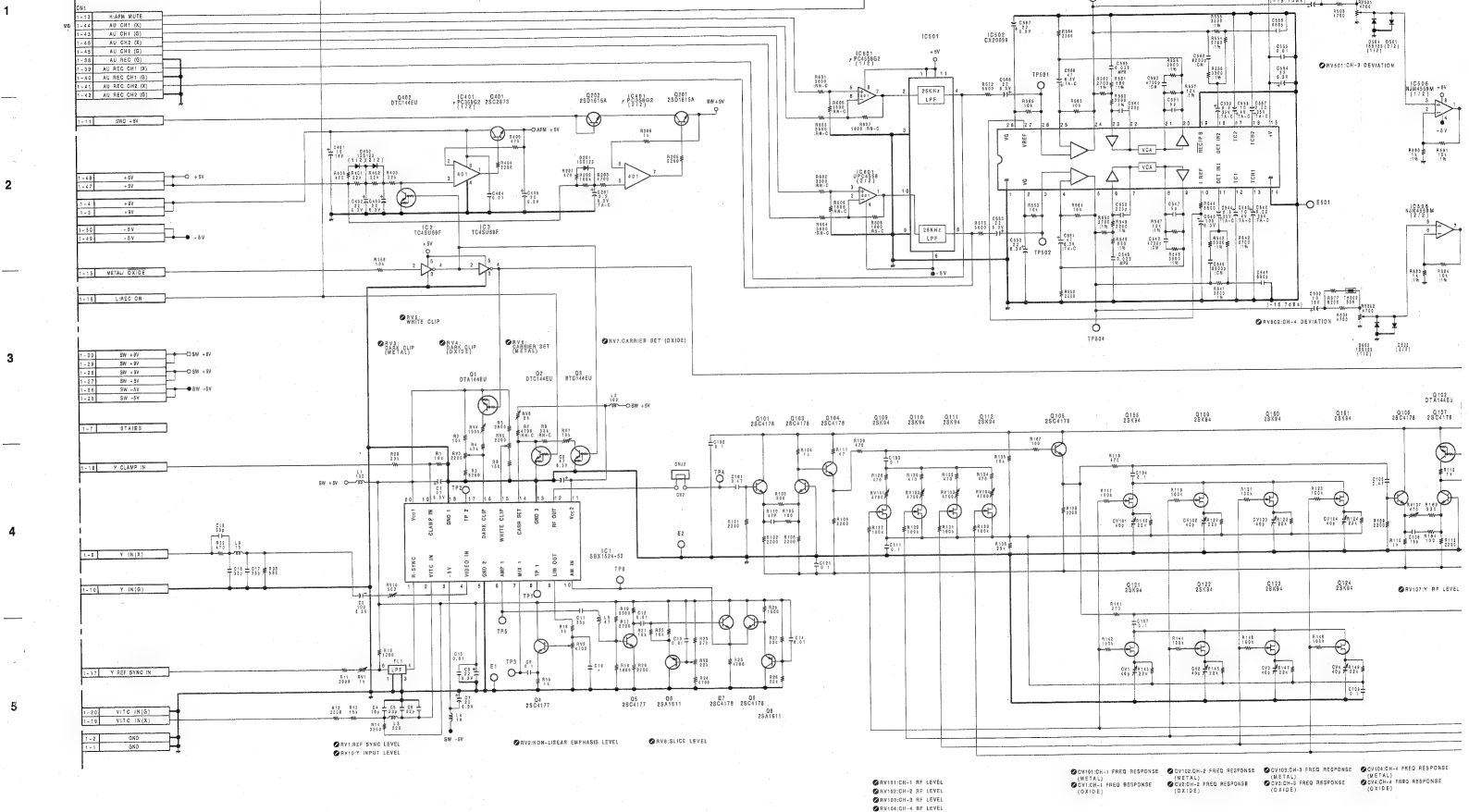
VDA-11P;CTDM AND C-MODULATOR

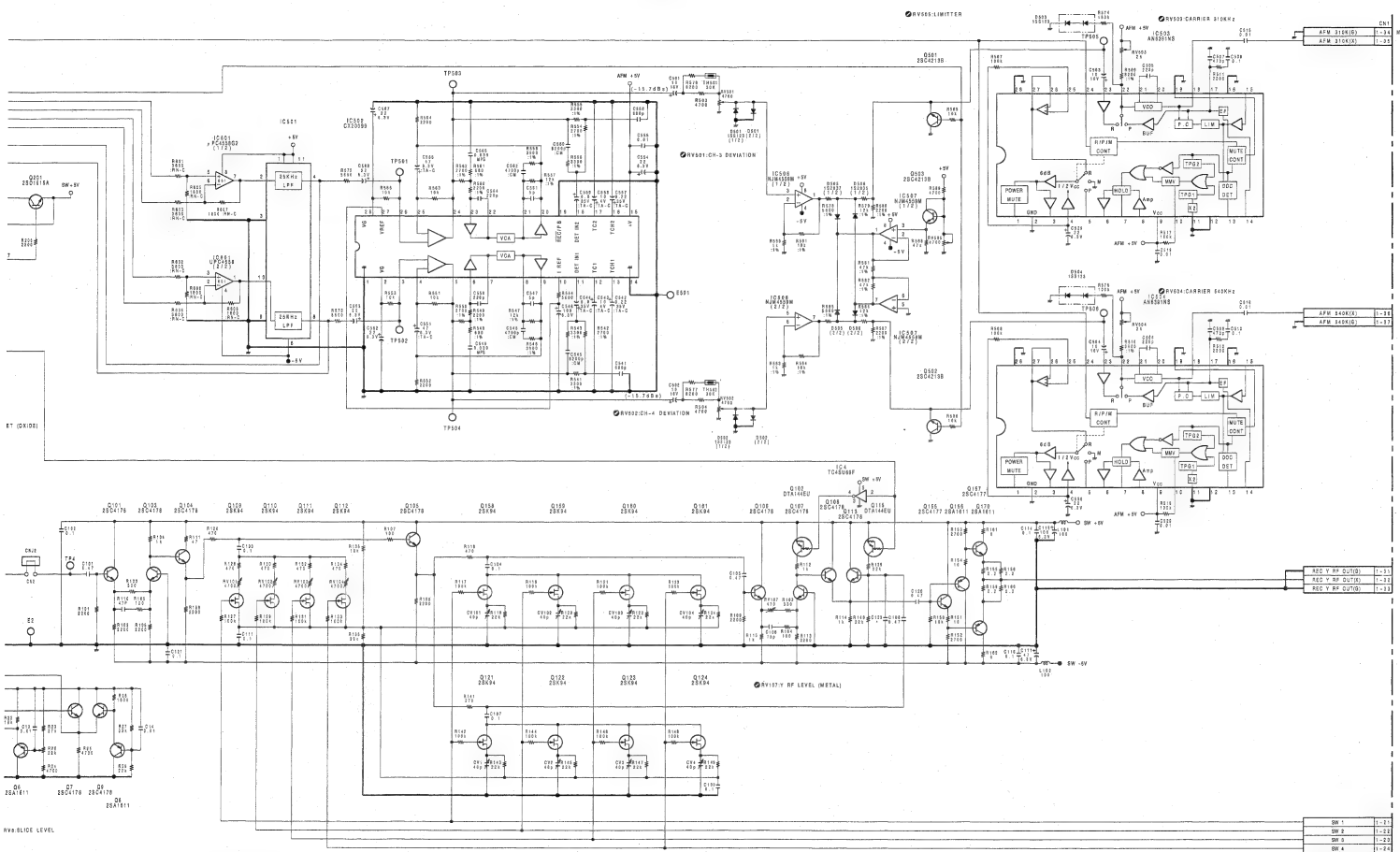




VDA-11P
1-625-541-16
BVW-300P

AFM-6P;Y-MODULATOR,AFM



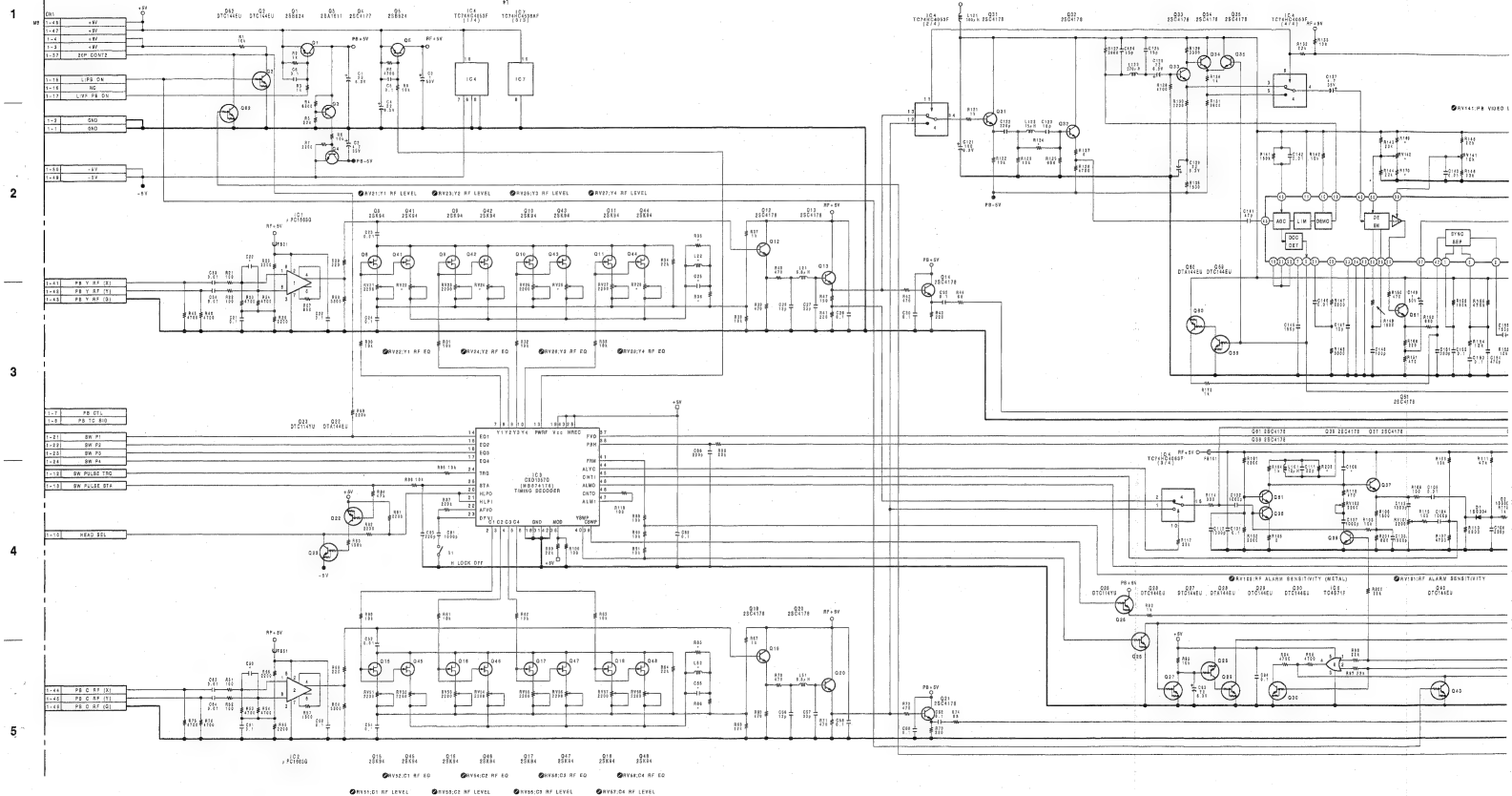


- AFM-1 RF LEVEL
- AFM-2 RF LEVEL
- AFM-3 RF LEVEL
- AFM-4 RF LEVEL
- AFM-1 FREQ RESPONSE (METAL)
- AFM-2 FREQ RESPONSE (METAL)
- AFM-3 FREQ RESPONSE (METAL)
- AFM-4 FREQ RESPONSE (METAL)
- AFM-1 FREQ RESPONSE (CIRCUIT)
- AFM-2 FREQ RESPONSE (CIRCUIT)
- AFM-3 FREQ RESPONSE (CIRCUIT)
- AFM-4 FREQ RESPONSE (CIRCUIT)

*NOT MOUNTED

AFM-6P
1-925-542-17
BVM-300P

VP-24P; VIDEO PB





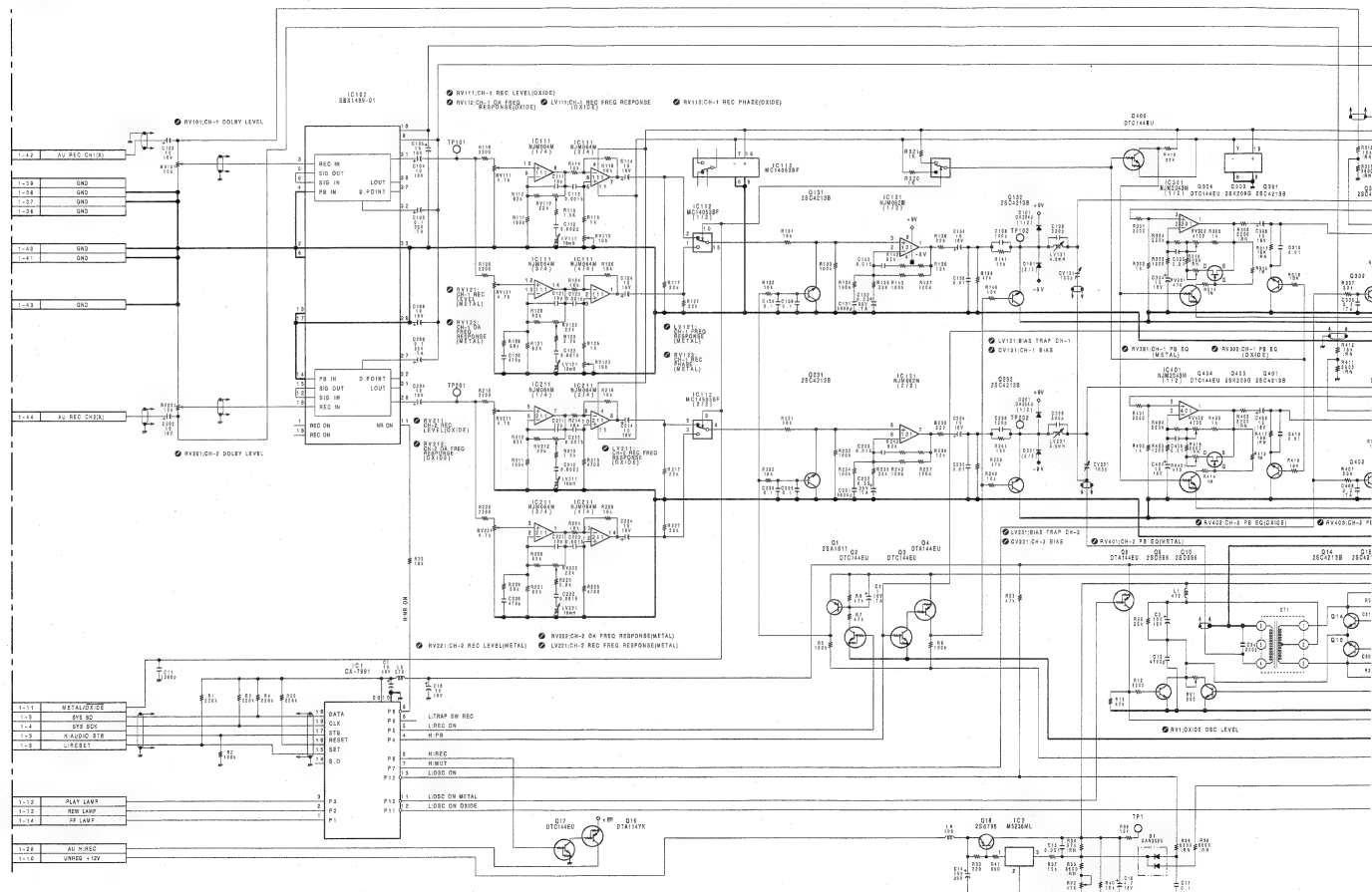
1-625-543-14

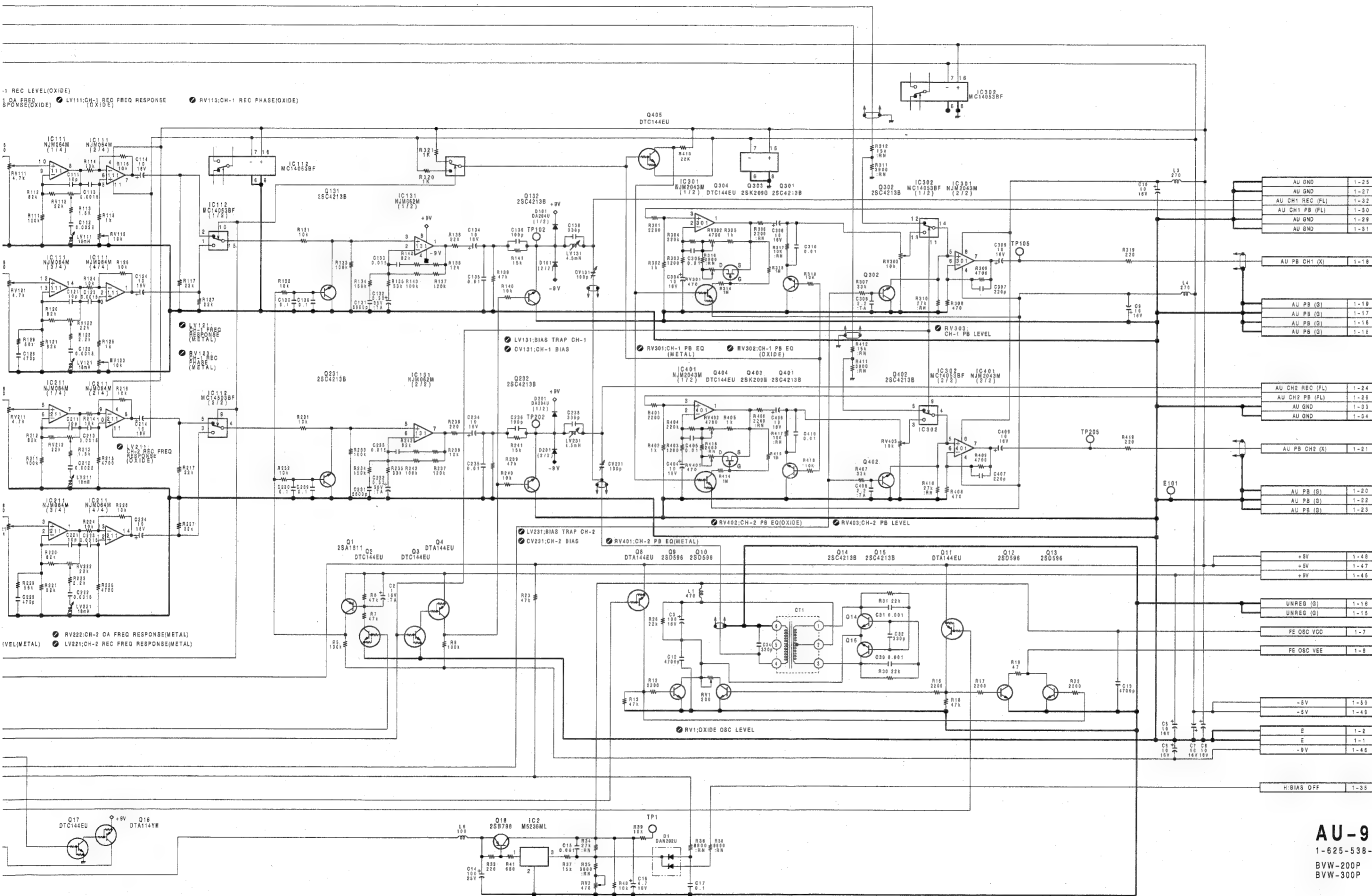
BYW-200R

BVW-300P

* NOT MOUNTED

AU-97P; AUDIO REC/PB, ERASE OSC





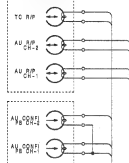
AU-97P

1-625-538-14

BVN-200P

BVN-300P

HEAD ASSEMBLY



201

- 1 TO R/P(X)
2 TO R/P(Y)
3 SMP
4 CONT. GND
5 CONT. CH-1(X)
6 CONT. CH-1(Y)

202

- 1 AU CH-2 PB OUT
2 SMP
3 SMP
4 AU CH-1 PB OUT
5 AU GND
6 AU GND
7 AU GND
8 AU CH-1 REC SIG
9 AU CH-2 REC SIG

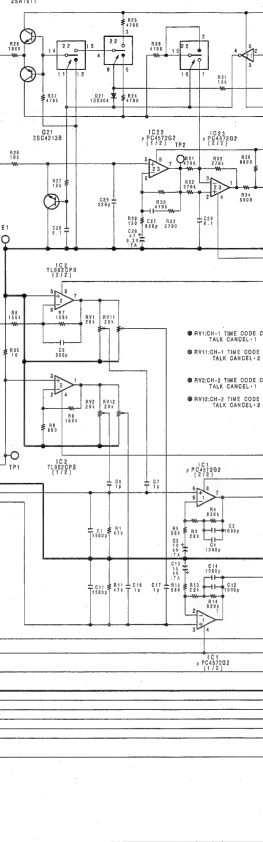
203

- 1 UNREC GND
2 UNREC +5V
3 LEADING IN
4 LEADING IN
5 TAPE TOP SENSING(X)
6 TAPE TOP SENSING(Y)

204

- 1 P.T. (NO. 1) 2
2 SMP
3 MOTOR 3
4 MOTOR 1
5 MOTOR 2
6 MOTOR 2
7 REC +5V

Q21 2N2177
Q22 2N2177
Q23 2N2177
Q24 2N2177
Q25 2N2177
Q26 2N2177
Q27 2N2177
Q28 2N2177
Q29 2N2177
Q30 2N2177
Q31 2N2177
Q32 2N2177
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Q96 2N2177
Q97 2N2177
Q98 2N2177
Q99 2N2177
Q100 2N2177



- SWITCH-1 TIME CODE CROSS TALK CANCEL-1
- SWITCH-1 TIME CODE CROSS TALK CANCEL-2
- SWITCH-2 TIME CODE CROSS TALK CANCEL-1
- SWITCH-2 TIME CODE CROSS TALK CANCEL-2

P81

P82

P83

P84

P85

P86

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P131

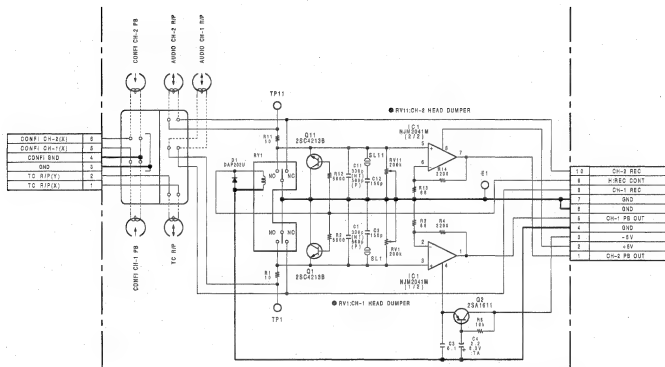
P132

TB-5

1-625-552-14
BVW-200
BVW-200P
BVW-300
BVW-300P

11-76

FL-55P;AUDIO HEAD AMP,RELAY BOARD



FL-55/55P

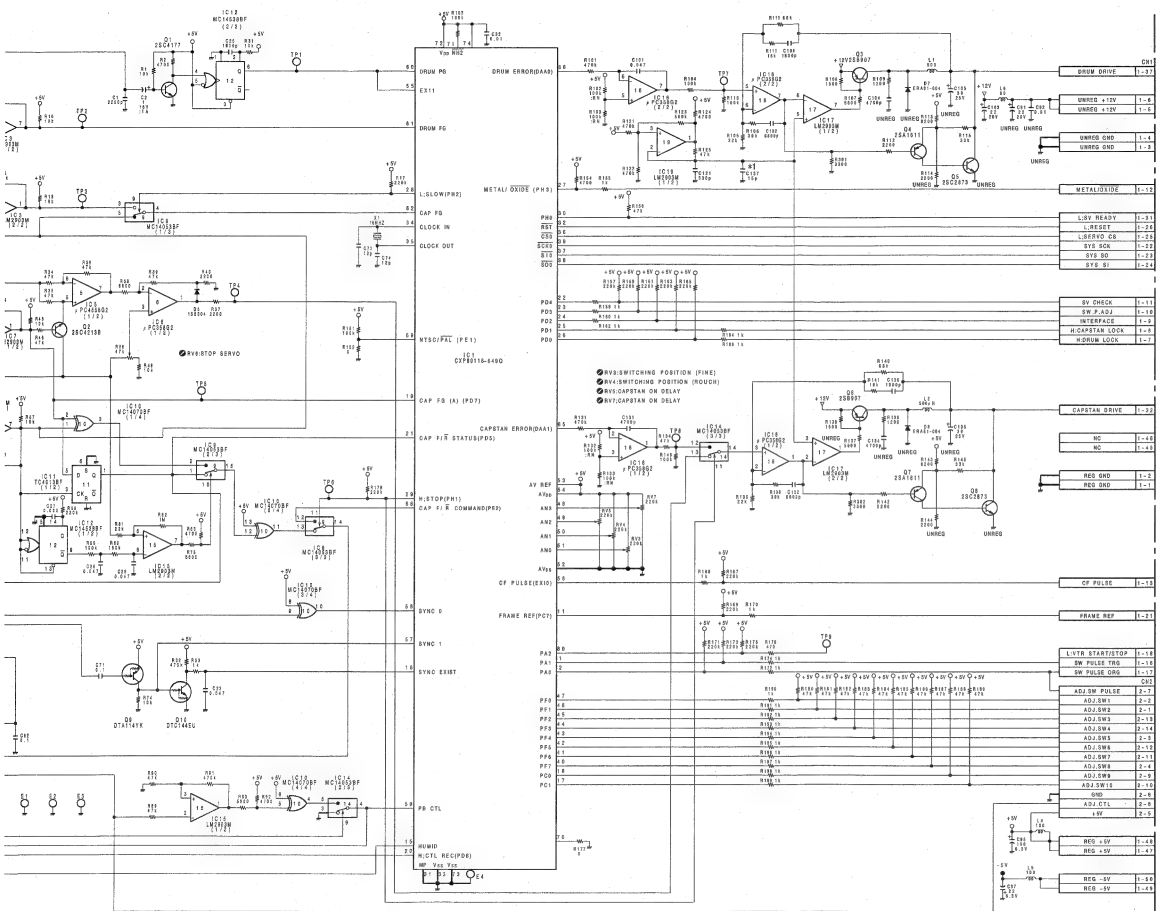
1-625-893-12

BVW-200
BVW-200P
BVW-300
BVW-300P

11-83



SV-97AP SV-97AP



MARK	CHANGE INFORMATION	SERIAL NO
* 1	G137 15P ADDED	40914

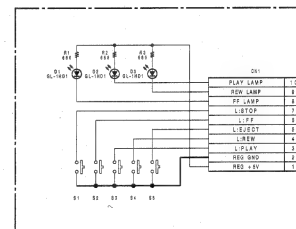
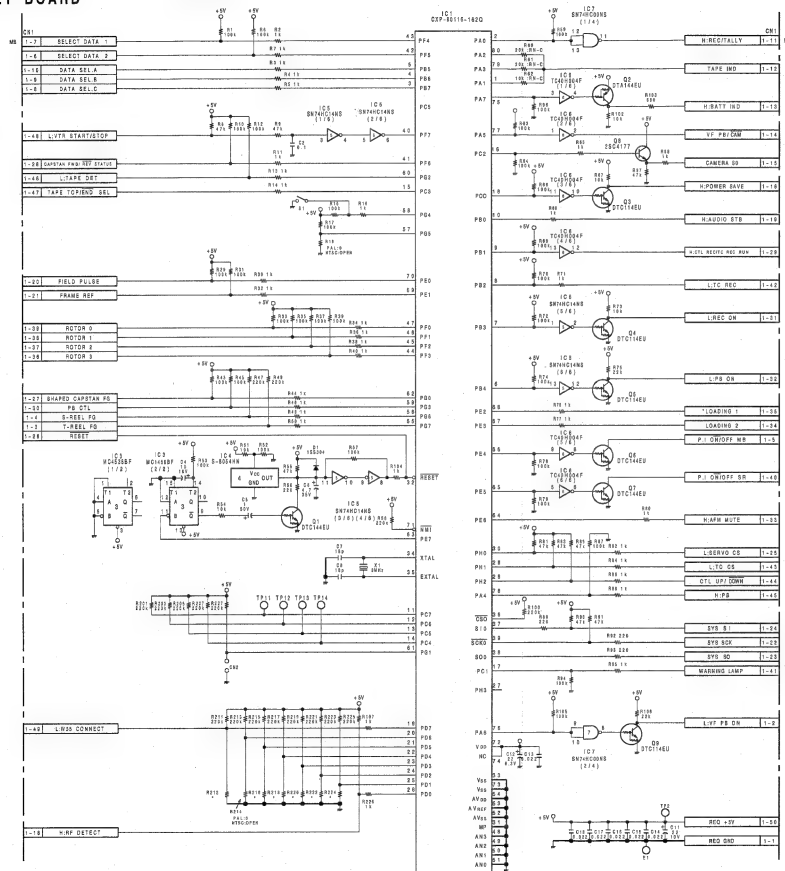


SV-97AP

1-625-540-14
BYW-300P

SY-117BP;SYSTEM CONTROL
KY-124;KEY BOARD

S/N:40784 through 40913



KY-124

1-825-549-11
BVW-300
BVW-200P
BVW-300P
BVW-300P

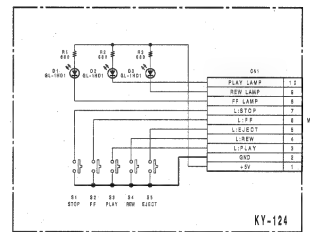
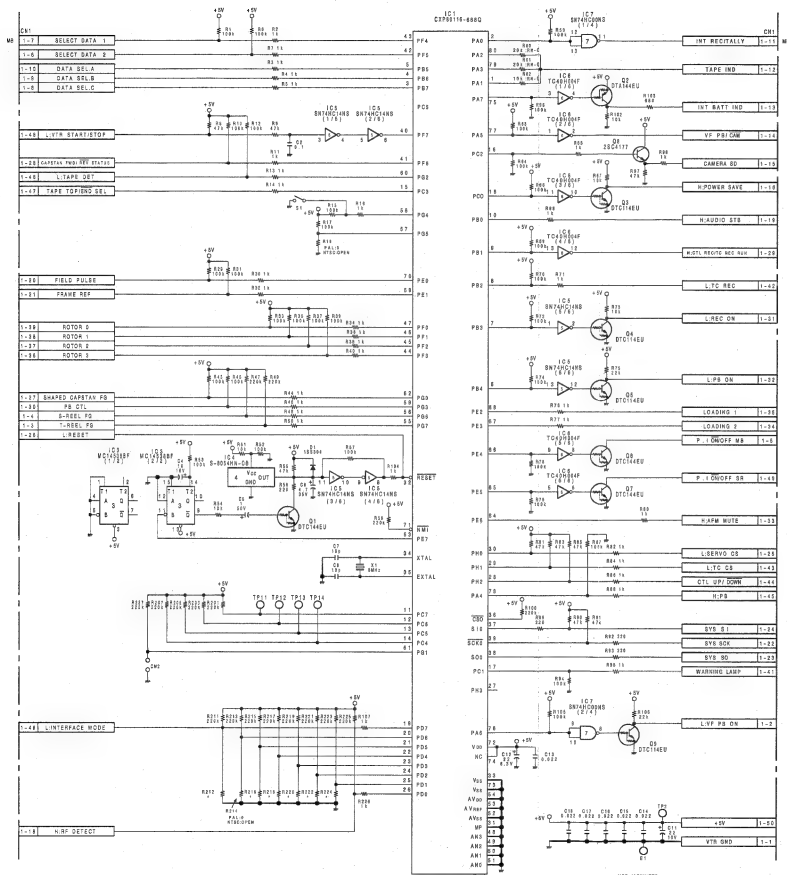


SY-117B/117BP

1-825-559-21
BVW-300
BVW-300P

SY-117CP;SYSTEM CONTROL
KY-124;KEY BOARD

S/N;40914 and higher



KY-124 BOARD

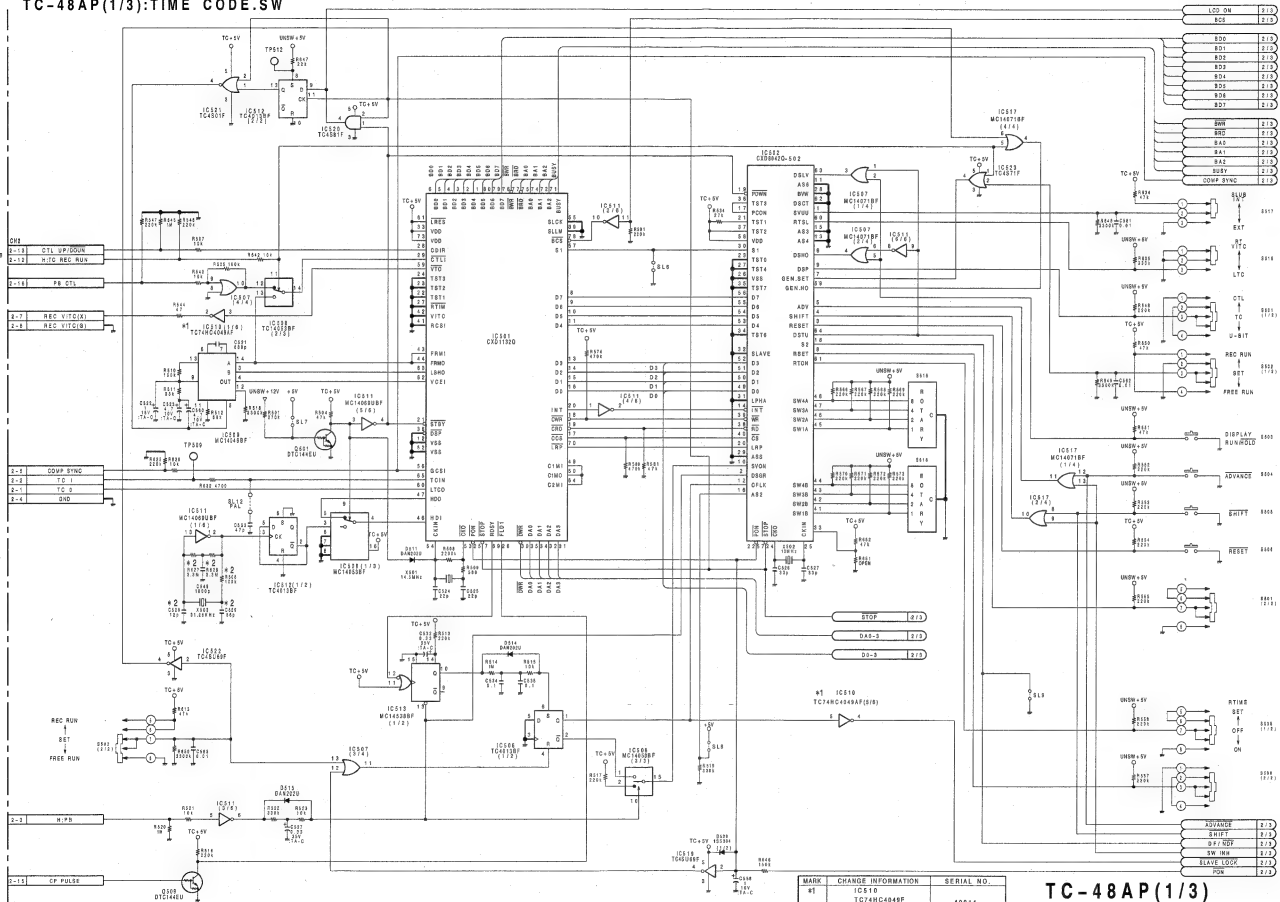
1-825-848-11
BVW-200
BVW-200P
BVW-300
BVW-300P

SY-117C/117CP

1-825-538-21
BVW-300
BVW-300P

TC-48AP(1/3) TC-48AP(1/3)

TC-48AP(1/3):TIME CODE.SW

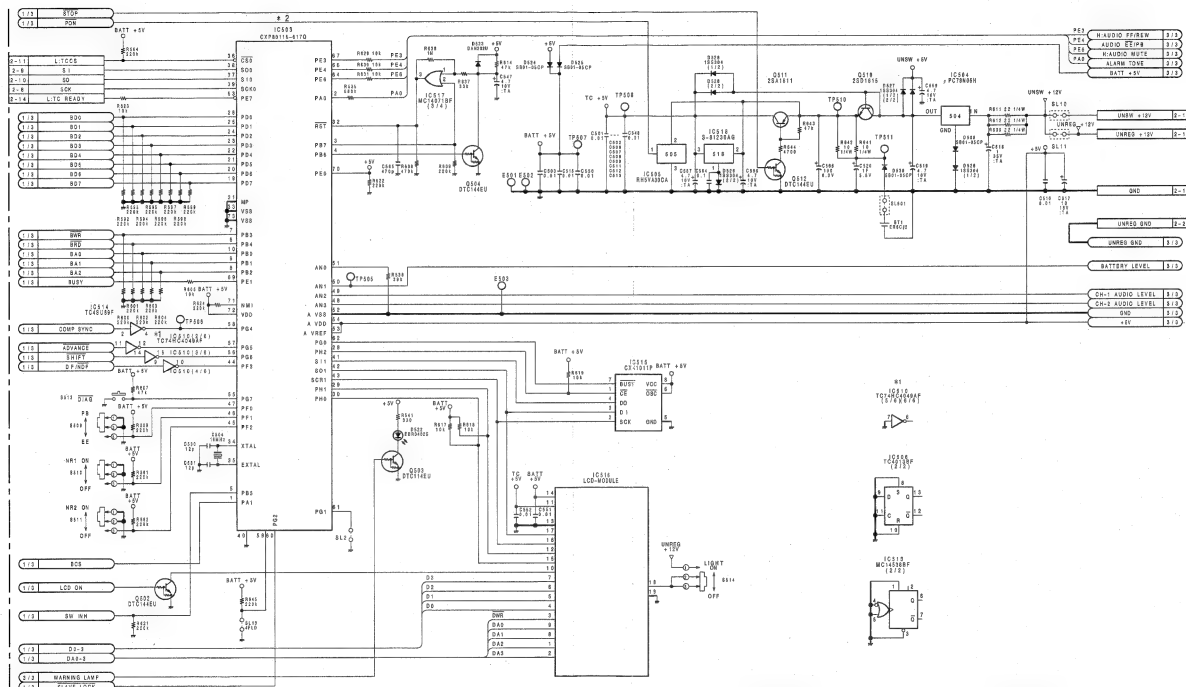


MARK	CHANGE INFORMATION	SERIAL NO.
#1	IC101 TC48AP(1/3)	40814-
#2	CS10 100P → 10P CS10 100P → 66P R500 66K → 100K R501 1M → 3.3M R502 2.2M → 3.3M	41101-

TC-48AP(1/3)
1-625-545-21
BWV-300P

TC-48AP(2/3) TC-48AP(2/3)

TC-48AP(2/3);TIME CODE,SW,INDICATOR



MARK	CHANGE INFORMATION	SERIAL NO.
#1	IC516 TC74VC4048P	40914-
	IC517 TC74VC4048AP	
#2	IC503 CXP80116-6750	41049-
	IC504 CXP80116-6170	

TC-48AP(2/3)
1-625-545-21
BVW-300P

TC-48AP(3/3); INPUT SELECT, LEVEL CONTROL, MONITOR

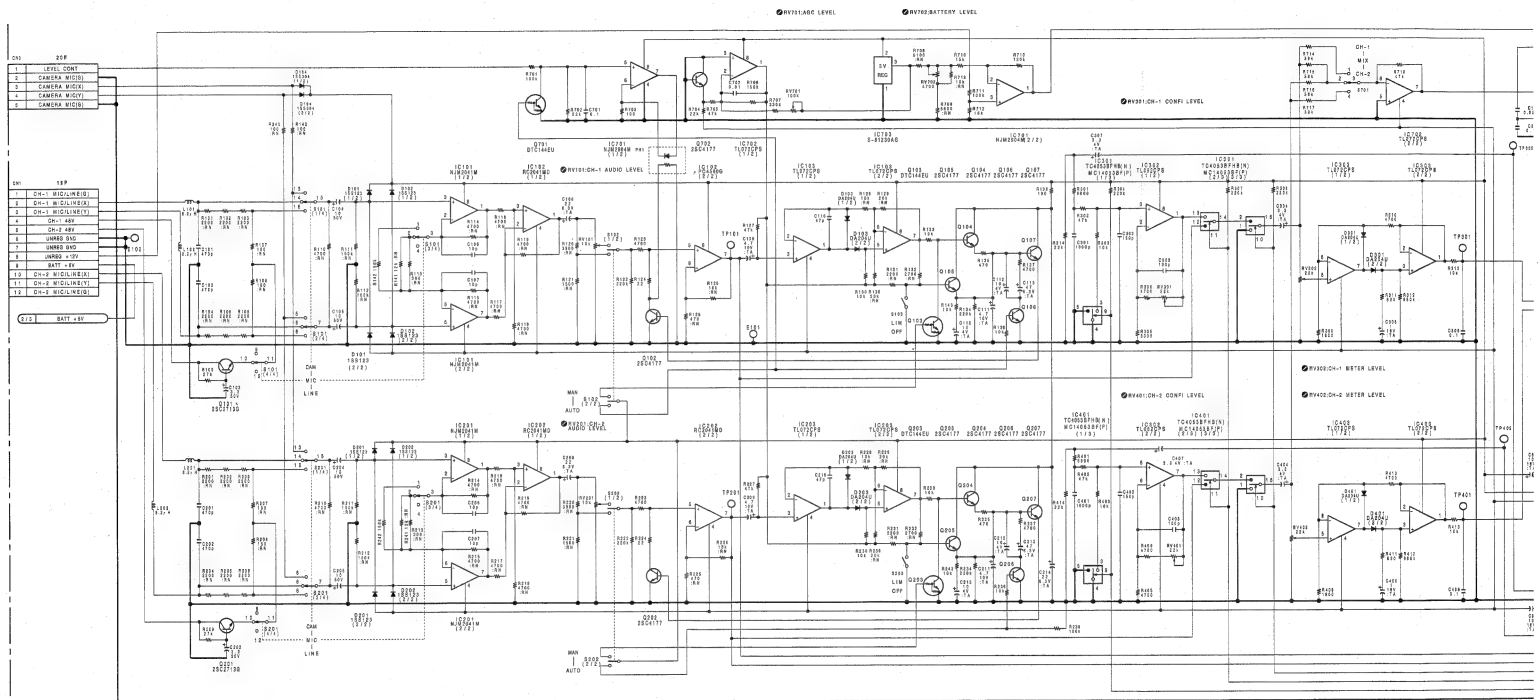
1

2

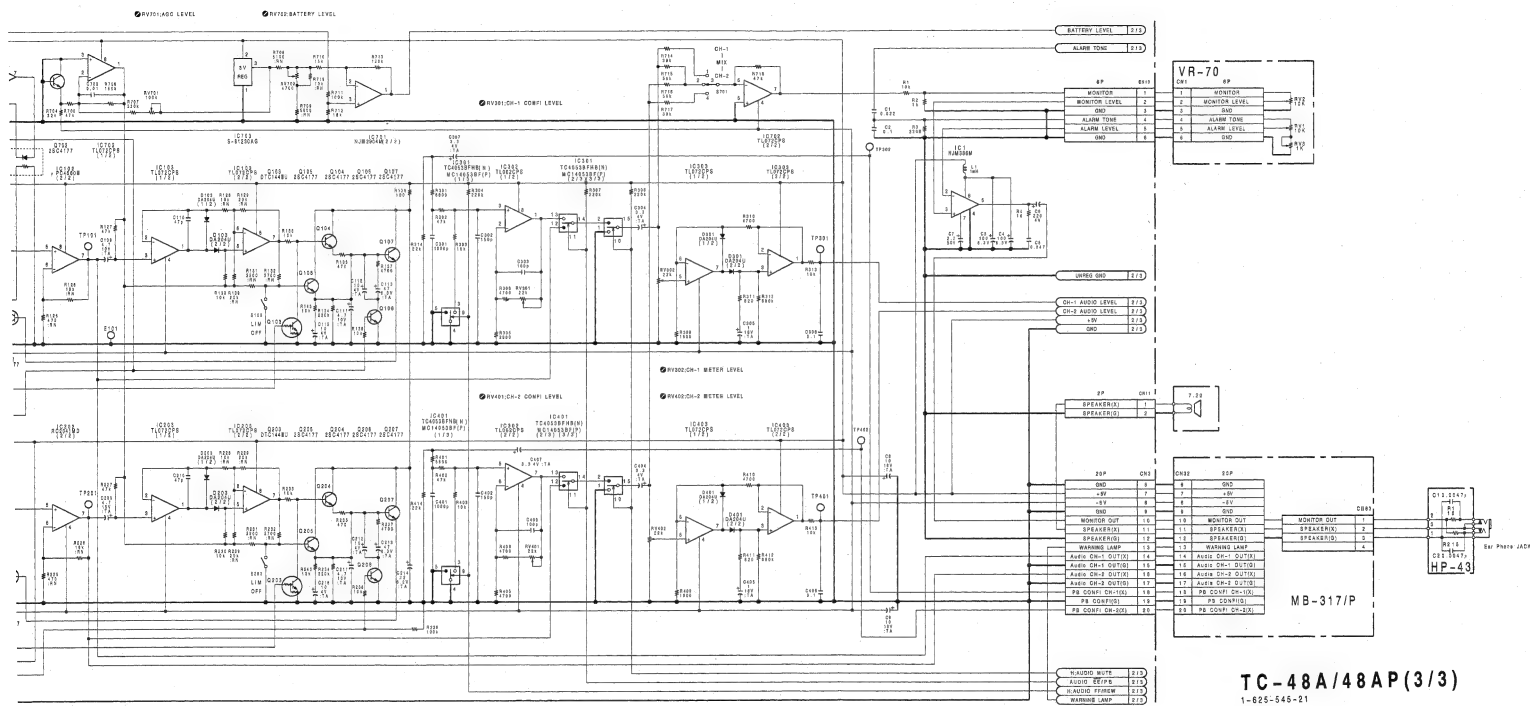
3

4

5

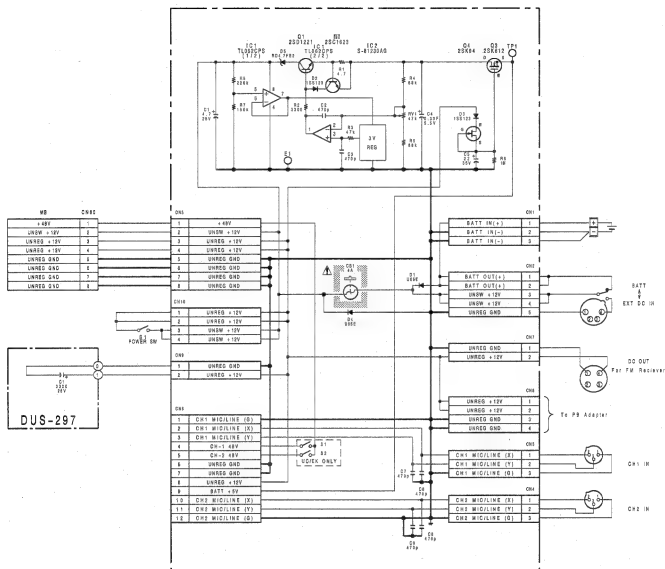


TC-48AP(3/3) TC-48AP(3/3)



PS-162; POWER DISTRIBUTOR

S/N: 40784 through 40853



PS-162

1-625-547-13
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

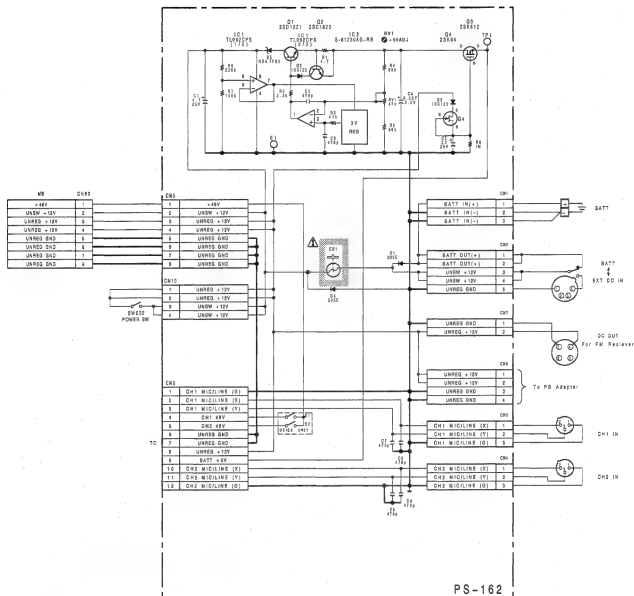
注意 1: 図及び図で囲まれた部品は安全性を確保するために重要な部品です。従って交換する時は必ず指定の部品を使ってください。

NOTE:

The shaded and Δ -marked components are critical to safety.
 Replace only with same components as specified.

PS-162: POWER DISTRIBUTOR

S/N:40854 and higher



注意1: △印及びⓈ印で囲まれた部品は安全性を確保するため、
品質を要約です。従って交換する場合は指定の部品を使って
下さい。

NOTE:

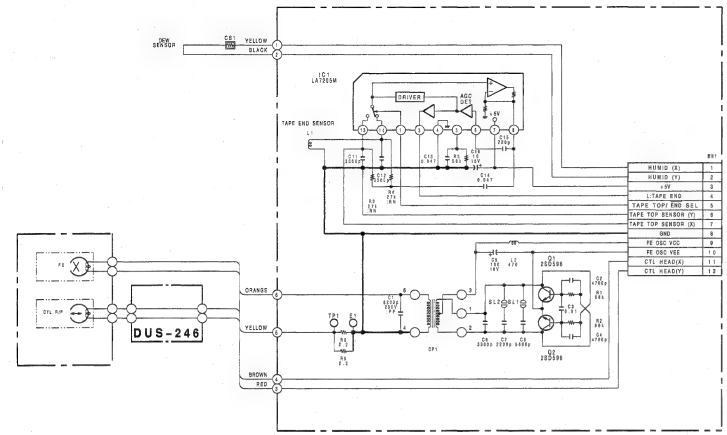
The shaded and △ marked components are
critical to safety.
Replace only with same components as specified.

PS-162 BOARD

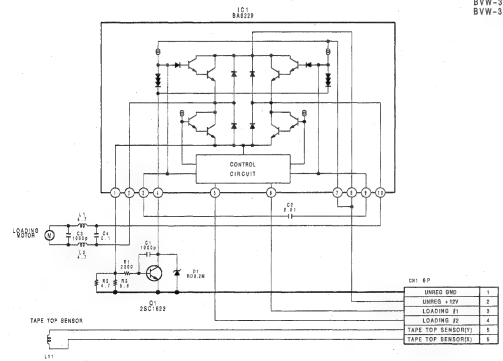
1-625-547-13

BVW-200
BVW-200P
BVW-300
BVW-300P

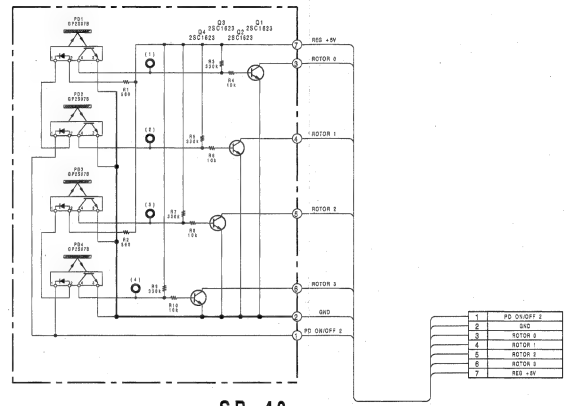
FE-4;FULL ERASE
LD-21;LOADING
SR-40;MECHANICAL POSITION SENSOR



FE-4
1-625-551-13,14
BVW-200
BVW-200P
BVW-300
BVW-300P

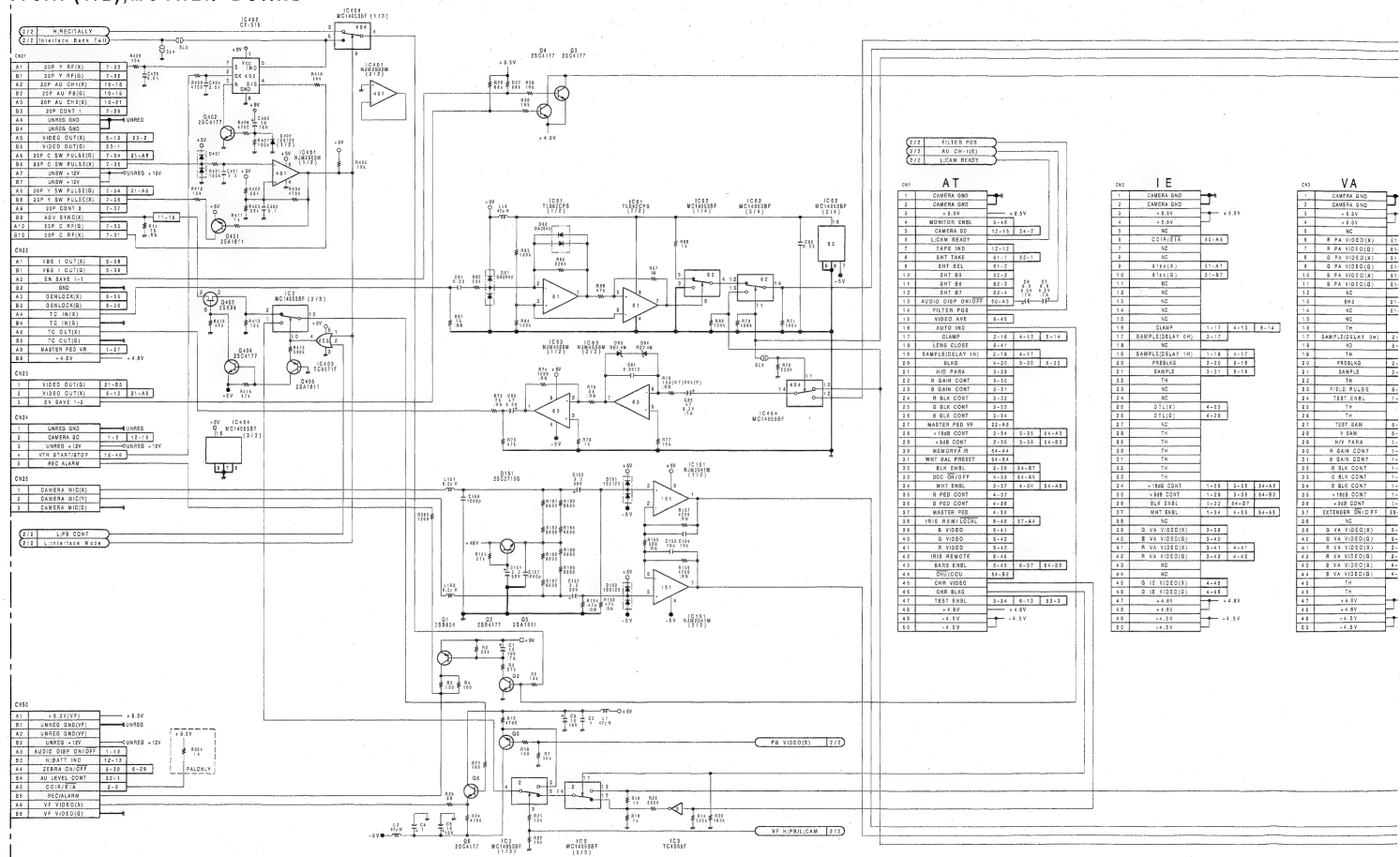


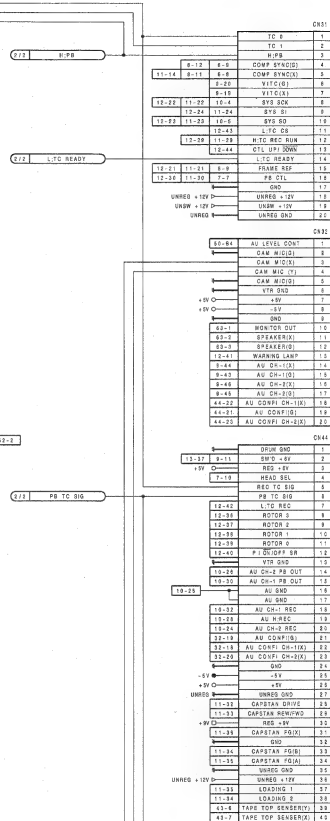
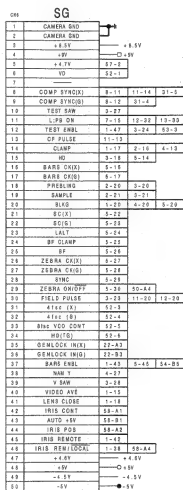
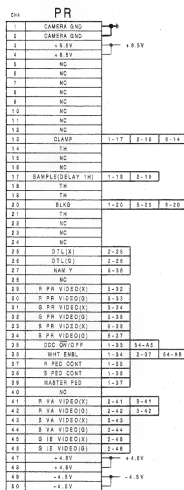
LD-21
1-625-548-14
BVW-200
BVW-200P
BVW-300
BVW-300P



SR-40
1-625-550-13
BVW-200
BVW-200P
BVW-300
BVW-300P

MB-173AP(1/2);MOTHER BOARD





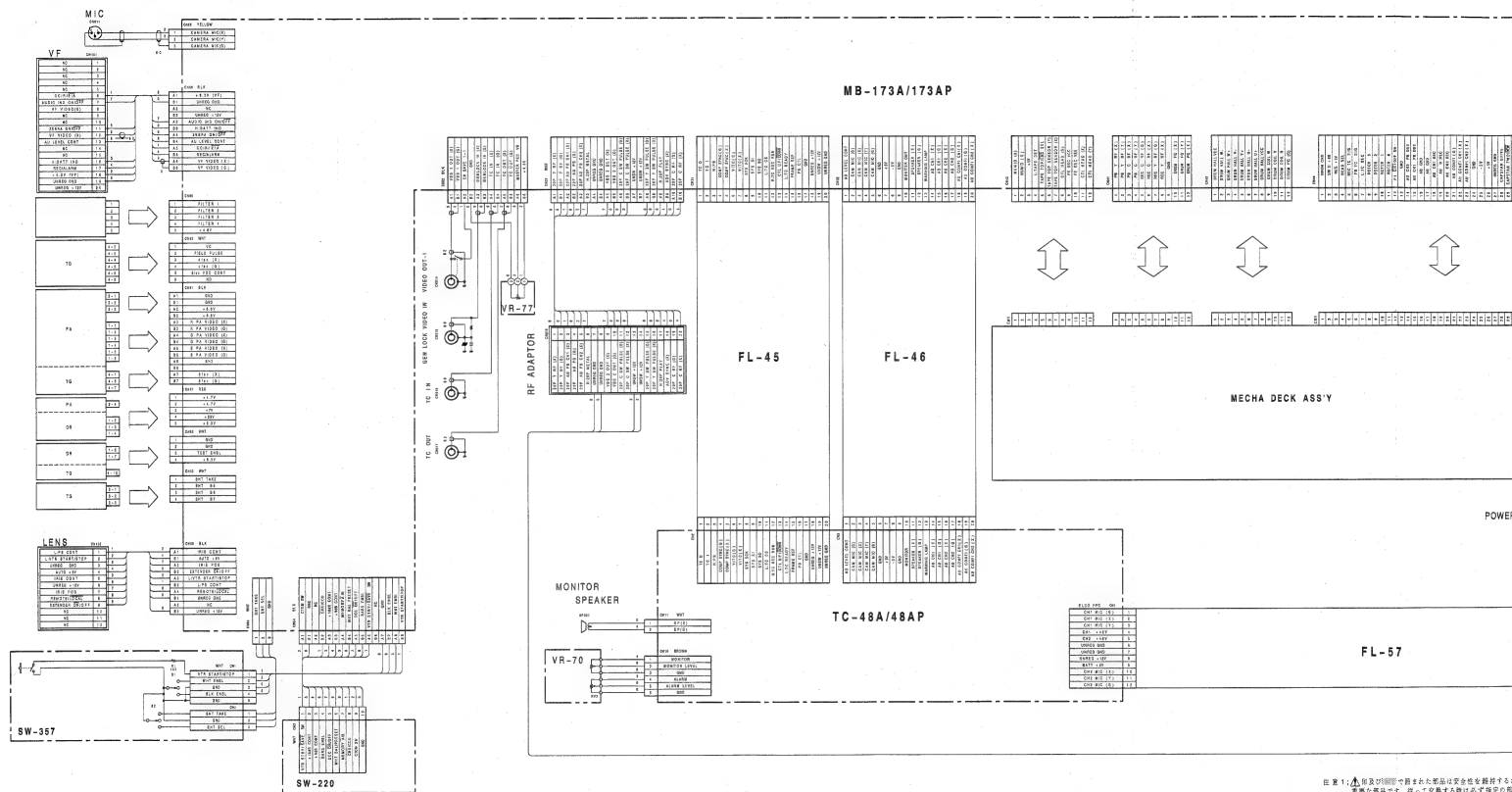
MB-173AP(2/2) MB-173AP(2/2)



MB-173AP(2/2)



FRAME(1/3) S/N;40784 through 40853



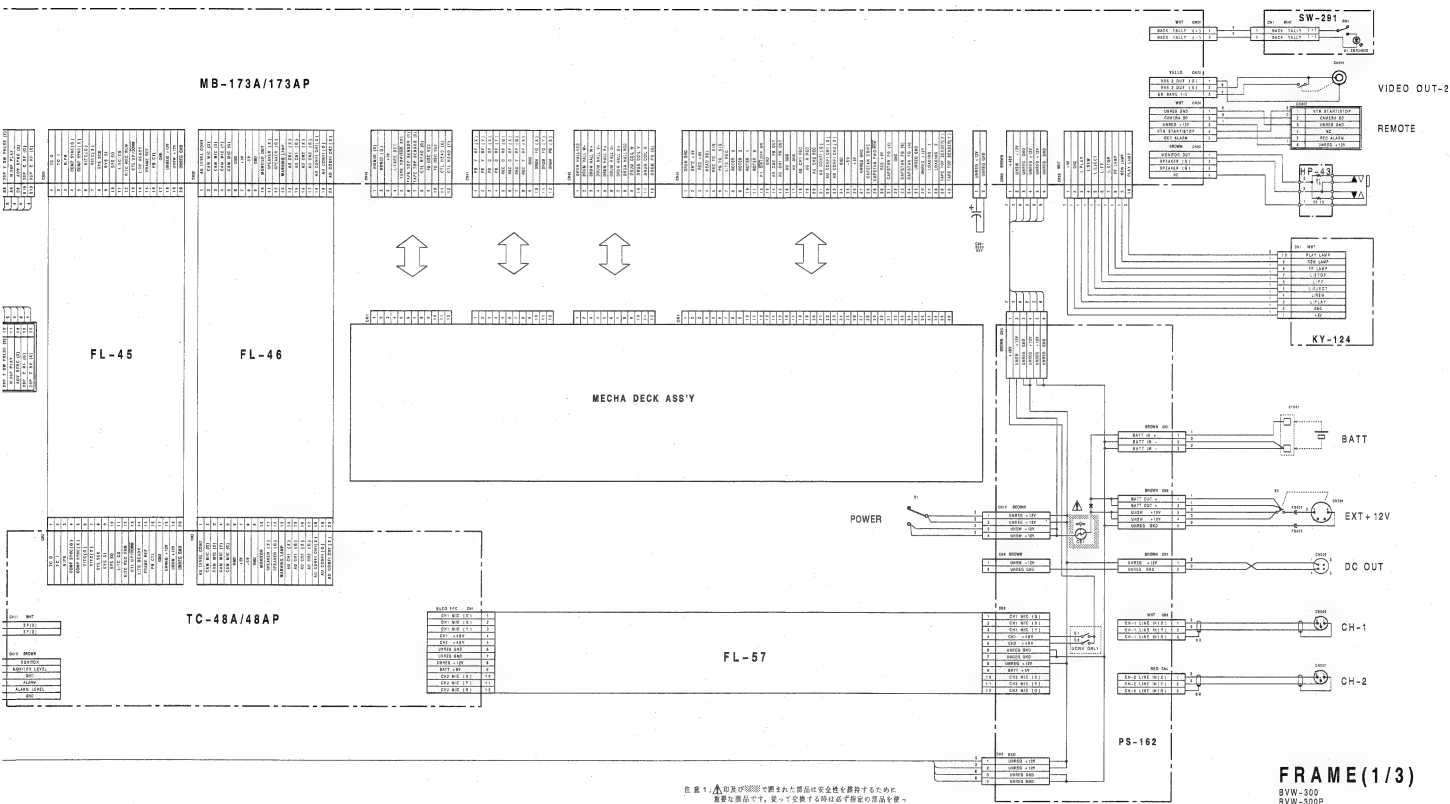
出第 1. 部品及び部品と組まれた部品は安全化継続する。
重要な部品です。誤って交換する場合は必ず保証の期
て下さい。

NOTE:

The shaded area A -marked components are
critical to safety.
Replace only with same components as specified.

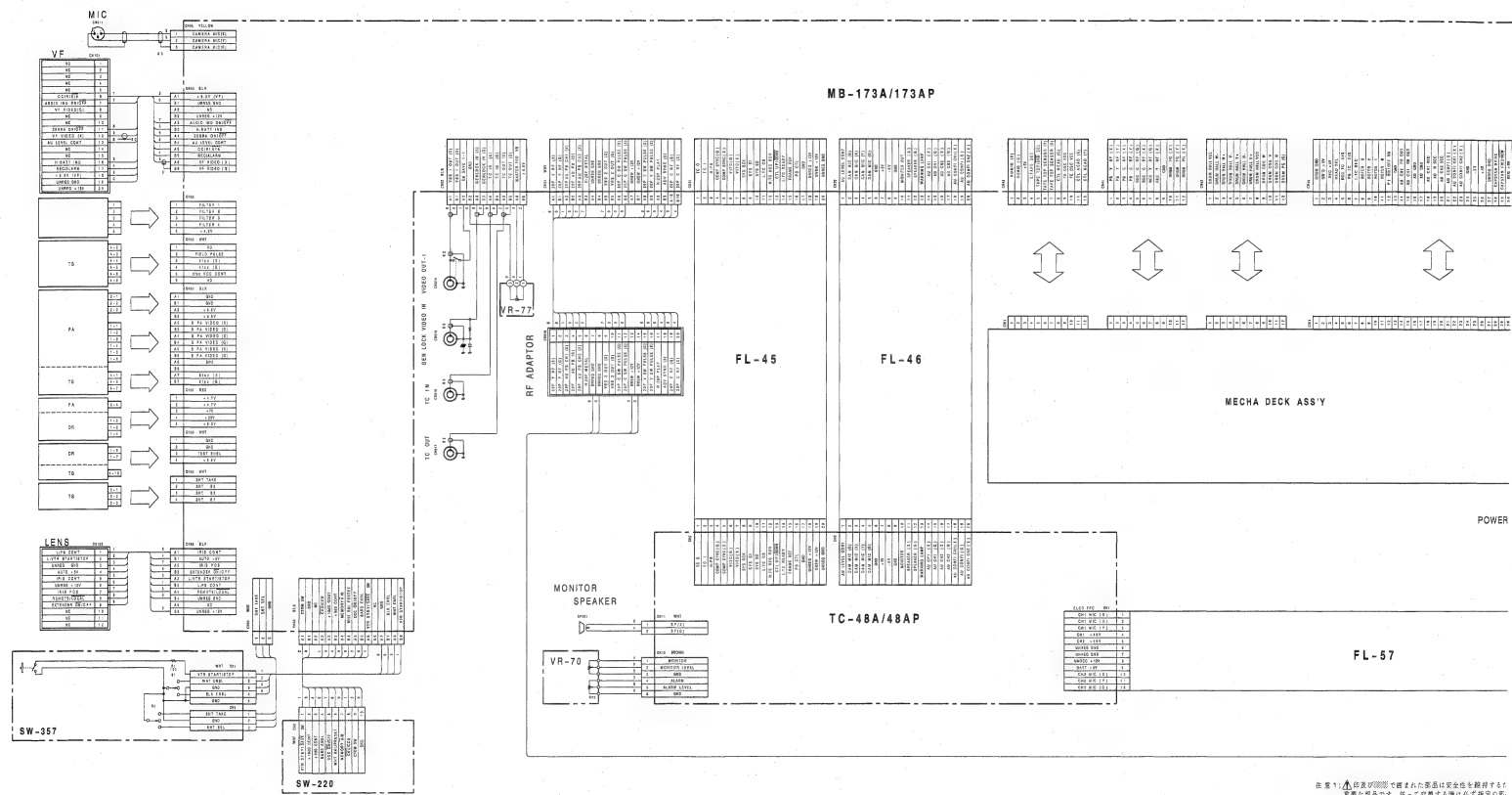
11-128(a)

11-129(a)




FRAME(1/3)

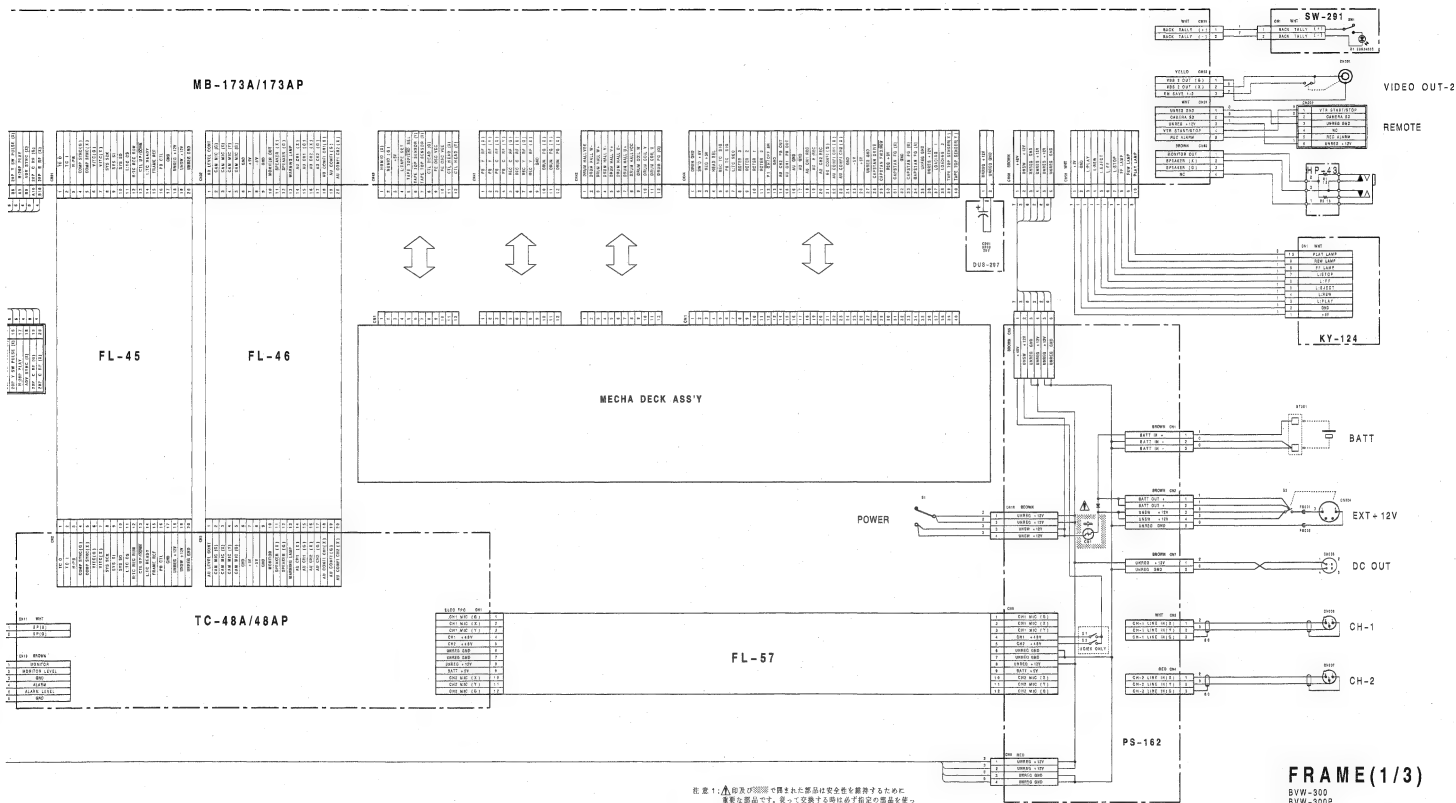
S/N;40854 and higher



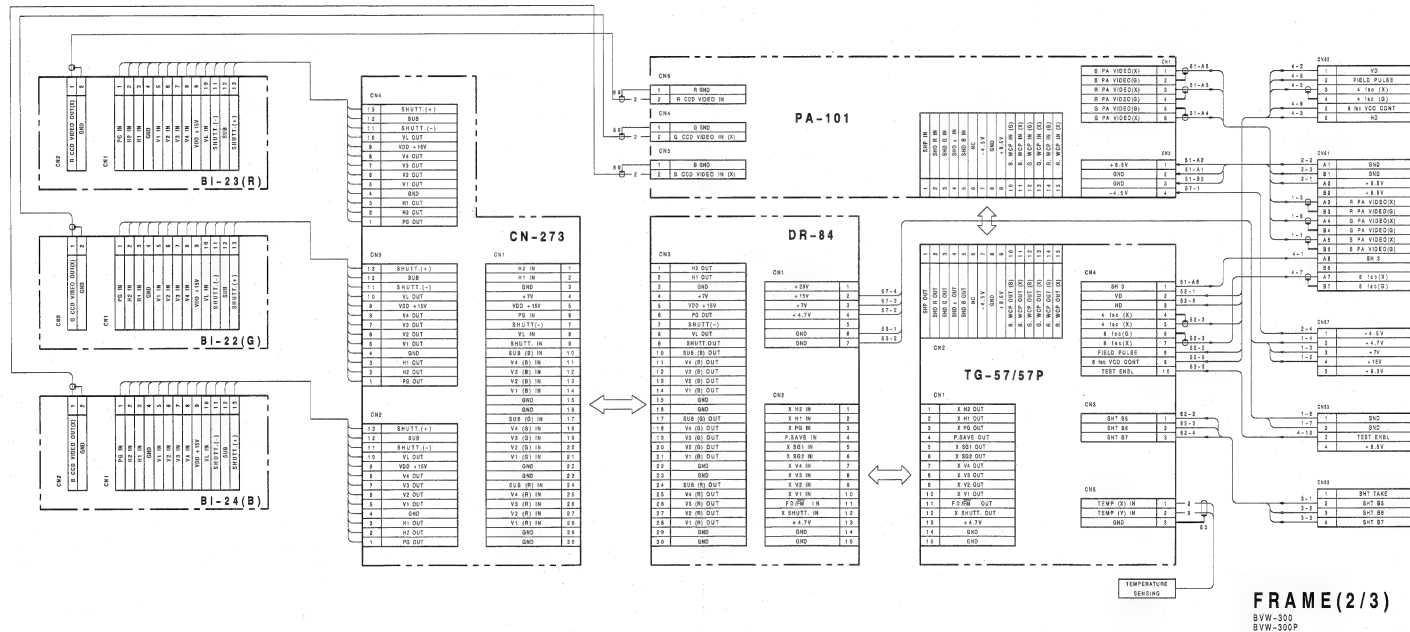
注意：1. 図中の部品は、すべて安全に使用するための部品です。誤って交換する場合は必ず保証の範囲内です。

NOTE:

The shaded and  -marked components are critical to safety. Replace only with same components as specified.



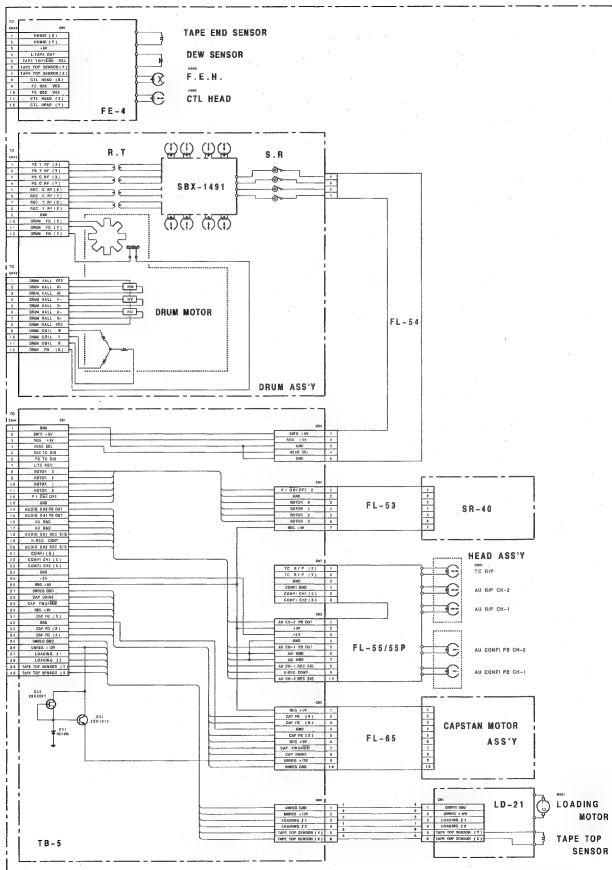
FRAME(2/3)



FRAME(2/3)

BVM-300
BVM-300P

FRAME(3/3)



FRAME(3/3)

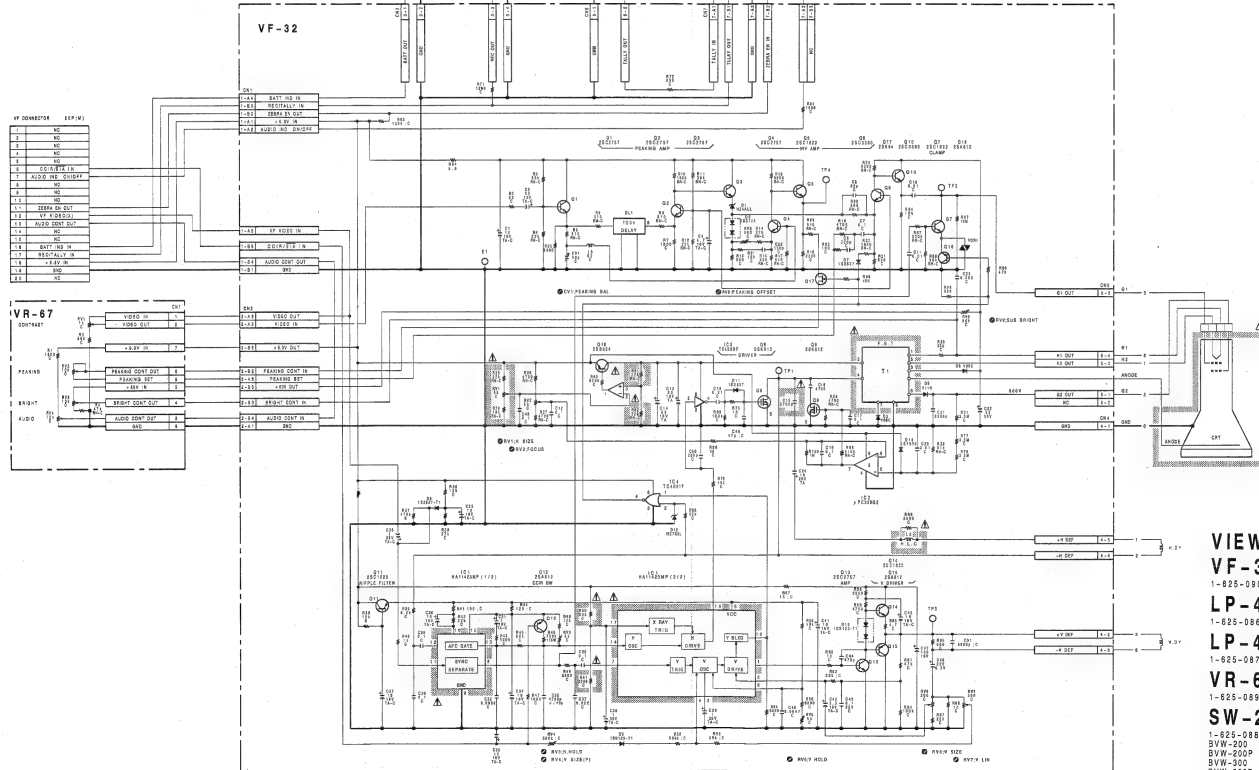
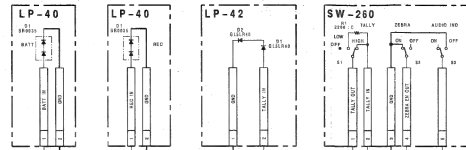
BVW-200
BVW-200P
BVW-300
BVW-300P

VIEWFINDER VIEWFINDER

VIEWFINDER

LP-40;BATT/TALLY LED
LP-42;FRONT TALLY LED
VF-32;VIEW FINDER
VR-67;VOLUME CONTROL
SW-260;SWITCH BOARD

S/N;40784 through 40853



VIEW FINDER

VF-32 BOARD

1-825-090-15,18

LP-40

1-825-086-12

LP-42

1-825-087-12

VR-67

1-825-089-11

SW-260

1-825-088-11

SVW-200

SVW-200P

SVW-300

SVW-300P

11-139(8)

11-140(8)

A

B

C

D

E

F

G

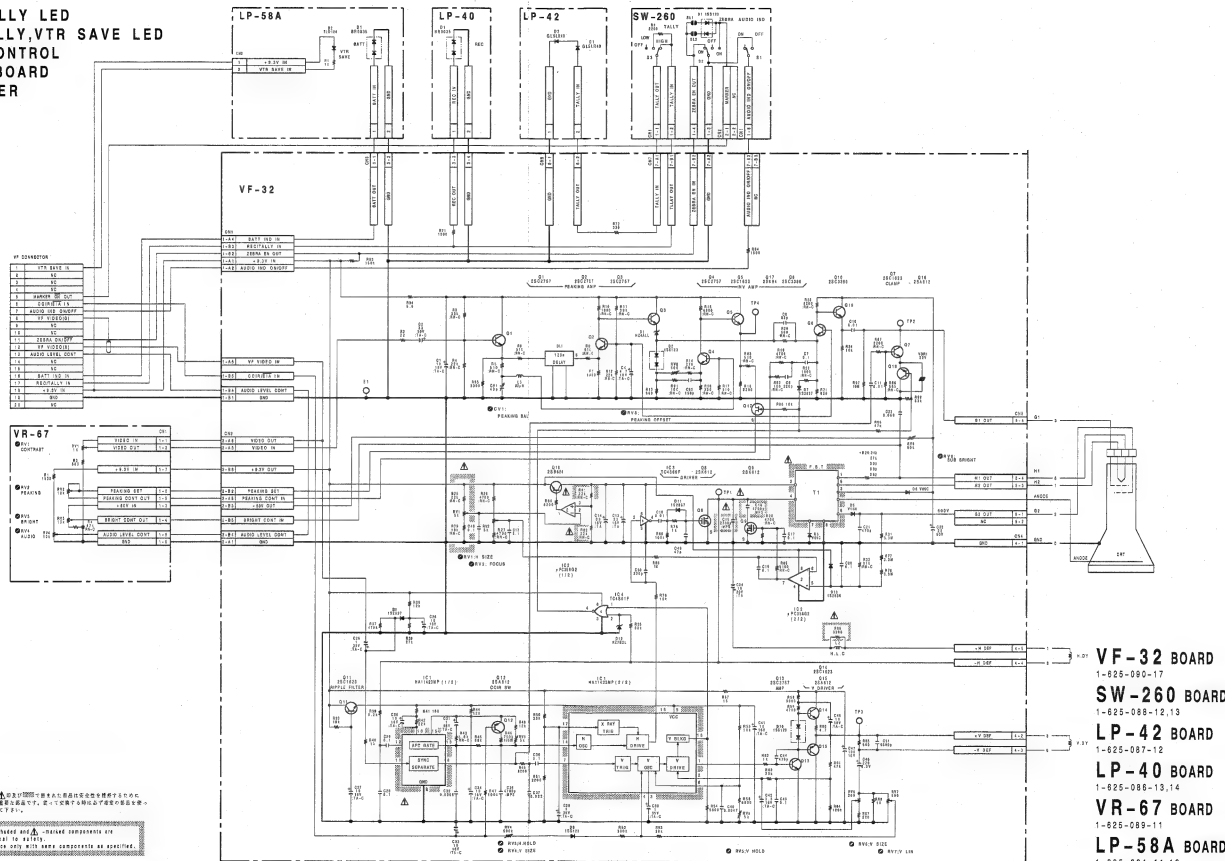
H

VIEWFINDER VIEWFINDER

VIEWFINDER

S/N;40854 and higher

LP-40;REC LED
LP-42;FRONT TALLY LED
LP-58A;BATT/TALLY,VTR SAVE LED
VR-67;VOLUME CONTROL
SW-260;SWITCH BOARD
VF-32;VIEWFINDER

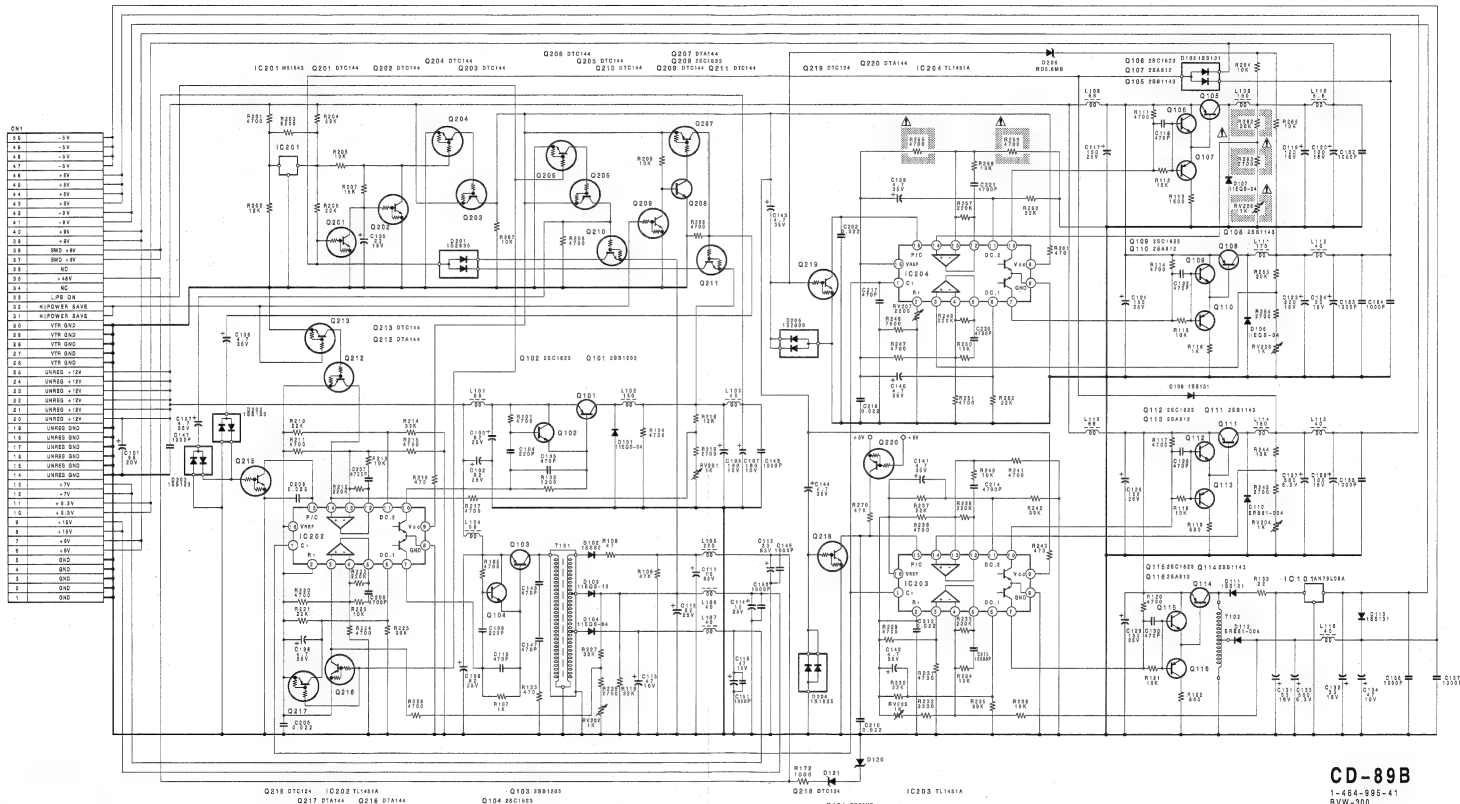


11-139(b)

11-140(b)


CD-89B CD-89B

CD-89B;DC-DC CONVERTER

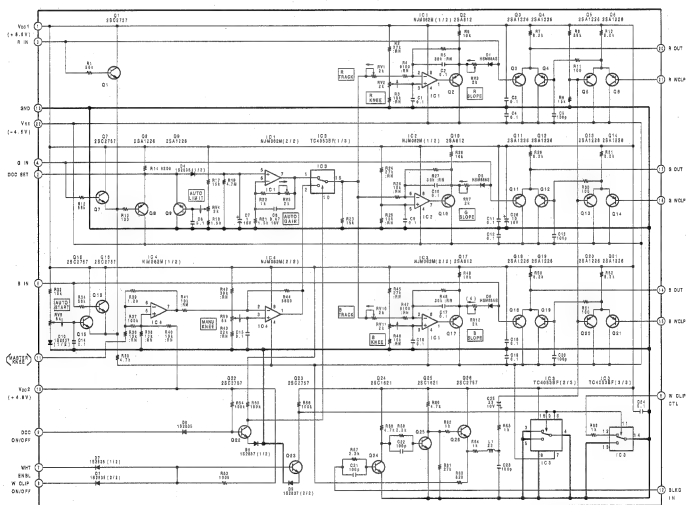


注意 1: ①印及び②印で囲まれた部品は安全性を維持するために重要な部品です。従って交換する時は必ず指定の部品を使って下さい。

NOTE:

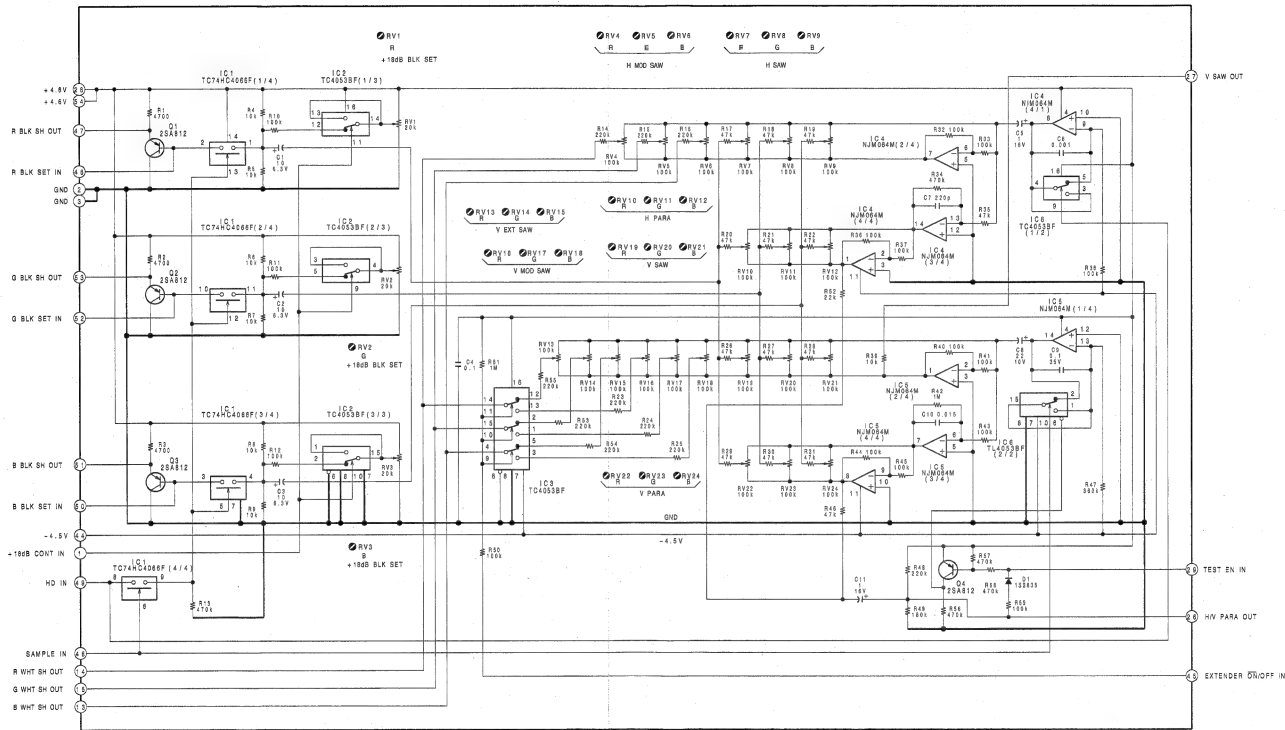
The shaded and -marked components are critical to safety. Replace only with same components as specified.

CD-89B
1-464-995-41
BVW-300
BVW-300P



BH-1251

BVW-200
BVW-200P
BVW-300
BVW-300P



BH-1252

BVW-200
BVW-200P
BVW-300
BVW-300P

SECTION 12

PRINTED WIRING BOARDS

DR-84

DR-84;CCD DRIVE

S/N:40784 through 41048

CN1	A-3	Q18	G-4
CN2	B-5	Q19	I-4
CN3	F-1	Q20	H-5
		Q21	H-4

D1	B-2		
D2	C-1	RV1	E-4
D3	E-2	RV2	F-4
D4	G-2	RV3	G-4
D5	I-2		
D6	D-2	TP1	E-4
D7	E-2	TP2	G-5
D8	F-2	TP3	H-5
D9	G-2		
D10	C-2		
D11	D-3		
D12	E-3		
D13	F-3		
D14	F-3		
D15	H-2		
D16	I-2		
D17	H-3		
D18	I-4		
D19	B-3		
D20	A-4		
D21	D-1		
D22	F-1		
D23	H-1		
D24	B-3		

IC1	D-4
IC2	F-4
IC3	H-4
IC4	B-4

Q1	B-2
Q2	B-1
Q3	C-1
Q4	C-2
Q5	C-1
Q6	C-3
Q7	C-3
Q8	B-2
Q9	B-4
Q10	A-5
Q11	B-2
Q12	B-3
Q13	E-5
Q14	D-5
Q15	D-4
Q16	H-5
Q17	G-5

DR-84;CCD DRIVE

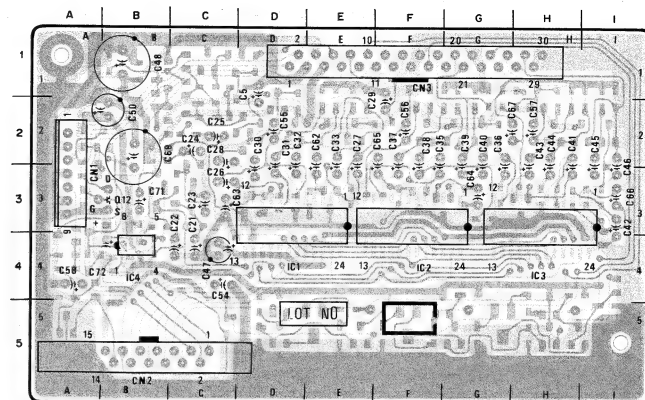
S/N:40784 through 41048

CN1	A-3	Q18	G-4
CN2	B-5	Q19	I-4
CN3	F-1	Q20	H-5
		Q21	H-4

D1	B-2		
D2	C-1	RV1	E-4
D3	E-2	RV2	F-4
D4	G-2	RV3	G-4
D5	I-2		
D6	D-2	TP1	E-4
D7	E-2	TP2	G-5
D8	F-2	TP3	H-5
D9	G-2		
D10	C-2		
D11	D-3		
D12	E-3		
D13	F-3		
D14	F-3		
D15	H-2		
D16	I-2		
D17	H-3		
D18	I-4		
D19	B-3		
D20	A-4		
D21	D-1		
D22	F-1		
D23	H-1		
D24	B-3		

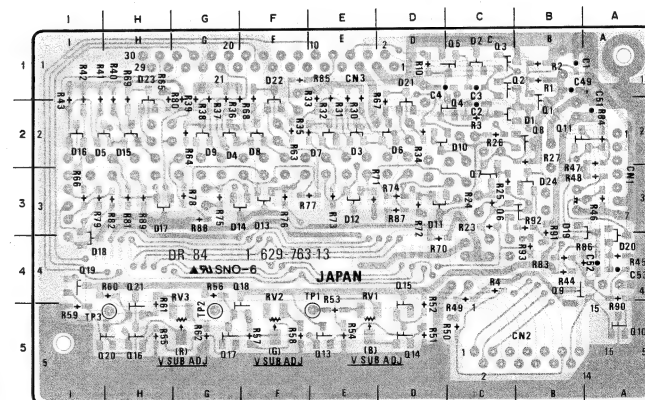
IC1	D-4
IC2	F-4
IC3	H-4
IC4	B-4

Q1	B-2
Q2	B-1
Q3	C-1
Q4	C-2
Q5	C-1
Q6	C-3
Q7	C-3
Q8	B-2
Q9	B-4
Q10	A-5
Q11	B-2
Q12	B-3
Q13	E-5
Q14	D-5
Q15	D-4
Q16	H-5
Q17	G-5



DR-84 -COMPONENT SIDE-

1-629-763-13
BVW-300
BVW-300P



DR-84 -SOLDERING SIDE-

1-629-763-13
BVW-300
BVW-300P

SECTION 12

PRINTED WIRING BOARDS

DR-84

DR-84;CCD DRIVE

S/N;41049 and higher

CN1	A-3	Q18	G-4
CN2	B-5	Q19	I-4
CN3	F-1	Q20	H-5
		Q21	H-4
D1	B-2		
D2	C-1	RV1	E-4
D3	E-2	RV2	F-4
D4	G-2	RV3	G-4
D5	I-2		
D6	D-2	TP1	E-4
D7	E-2	TP2	G-5
D8	F-2	TP3	H-5
D9	G-2		
D10	C-2		
D11	D-3		
D12	E-3		
D13	F-3		
D14	F-3		
D15	H-2		
D16	I-2		
D17	H-3		
D18	I-4		
D19	B-3		
D20	A-4		
D21	D-1		
D22	F-1		
D23	H-1		
D24	B-3		
IC1	D-4		
IC2	F-4		
IC3	H-4		
IC4	B-4		
Q1	B-2		
Q2	B-1		
Q3	C-1		
Q4	C-2		
Q5	C-1		
Q6	C-3		
Q7	C-3		
Q8	B-2		
Q9	B-4		
Q10	A-5		
Q11	B-2		
Q12	B-3		
Q13	E-5		
Q14	D-5		
Q15	D-4		
Q16	H-5		
Q17	G-5		

DR-84;CCD DRIVE

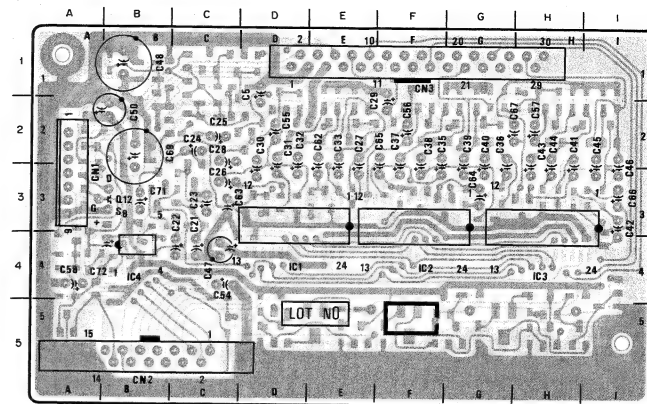
S/N;41049 and higher

CN1	A-3	Q18	G-4
CN2	B-5	Q19	I-4
CN3	F-1	Q20	H-5
		Q21	H-4

D1	B-2
D2	C-1
D3	E-2
D4	G-2
D5	I-2
D6	D-2
D7	E-2
D8	F-2
D9	G-2
D10	C-2
D11	D-3
D12	E-3
D13	F-3
D14	F-3
D15	H-2
D16	I-2
D17	H-3
D18	I-4
D19	B-3
D20	A-4
D21	D-1
D22	F-1
D23	H-1
D24	B-3

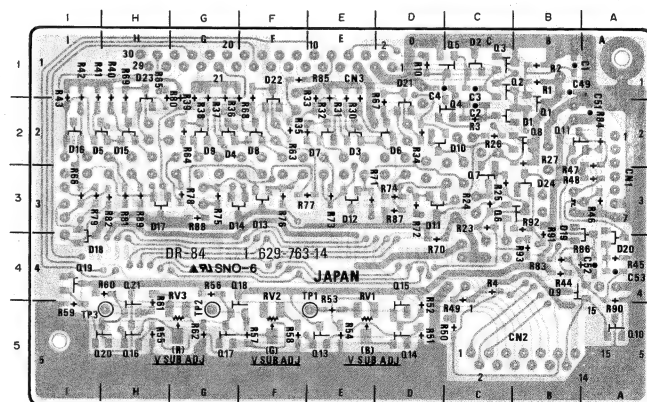
IC1	D-4
IC2	F-4
IC3	H-4
IC4	B-4

Q1	B-2
Q2	B-1
Q3	C-1
Q4	C-2
Q5	C-1
Q6	C-3
Q7	C-3
Q8	B-2
Q9	B-4
Q10	A-5
Q11	B-2
Q12	B-3
Q13	E-5
Q14	D-5
Q15	D-4
Q16	H-5
Q17	G-5



DR-84 -COMPONENT SIDE-

1-629-763-14
BVW-300
BVW-300P



DR-84 -SOLDERING SIDE-

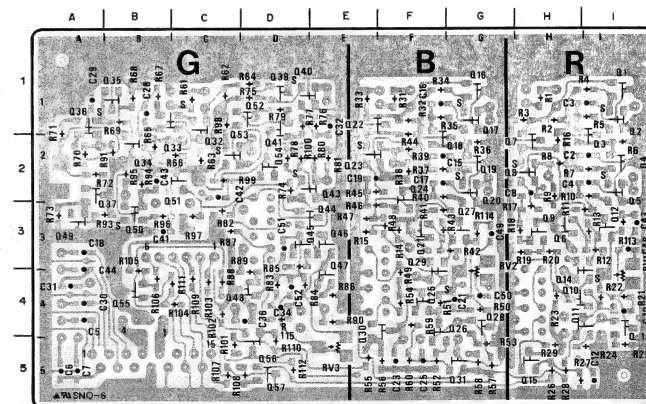
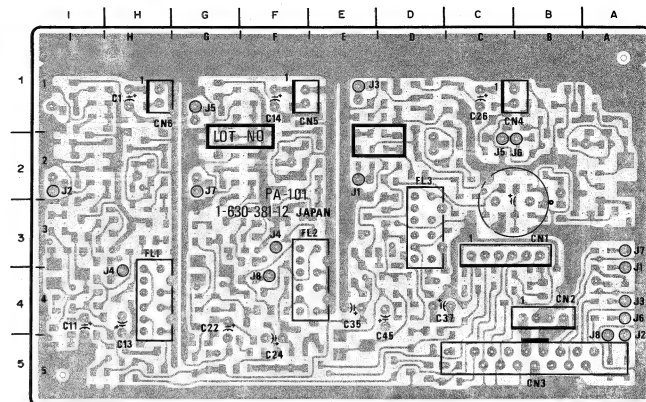
1-629-763-14
BVW-300
BVW-300P

PA-101:CCD PRE-AMP

CN1	B-3	Q43	E-2
CN2	B-4	Q44	E-3
CN3	B-5	Q45	E-3
CN4	C-1	Q46	E-3
CN5	F-1	Q47	E-3
CN6	H-1	Q48	C-4
		Q49	A-3
FL1	H-3	Q50	B-3
FL2	F-3	Q51	B-2
FL3	D-2	Q52	D-1
		Q53	C-2
Q1	I-1	Q54	D-2
Q2	I-1	Q55	B-4
Q3	I-2	Q56	D-5
Q4	I-2	Q57	D-5
Q5	I-2		
Q6	H-3	RV1	I-3
Q7	G-2	RV2	G-3
Q8	G-2	RV3	E-5
Q9	H-3		
Q10	H-4		
Q11	H-4		
Q12	I-3		
Q13	I-4		
Q14	H-4		
Q15	H-5		
Q16	G-1		
Q17	G-1		
Q18	G-2		
Q19	G-2		
Q20	G-2		
Q21	F-3		
Q22	E-1		
Q23	E-2		
Q24	F-2		
Q25	F-4		
Q26	G-4		
Q27	G-3		
Q28	G-4		
Q29	F-3		
Q30	E-4		
Q31	G-5		
Q32	C-2		
Q33	B-1		
Q34	B-2		
Q35	B-1		
Q36	A-1		
Q37	A-2		
Q39	D-1		
Q40	D-1		
Q41	D-2		

PA-101:CCD PRE-AMP

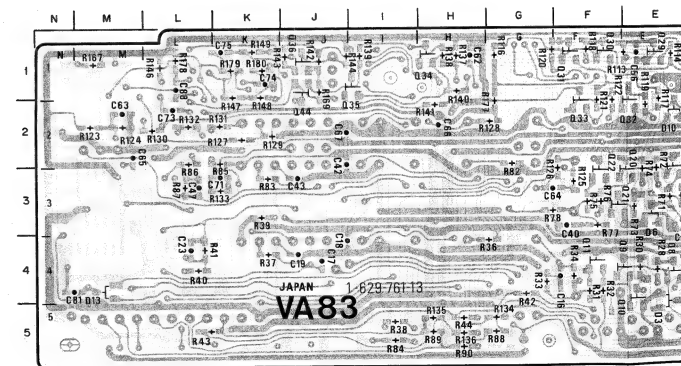
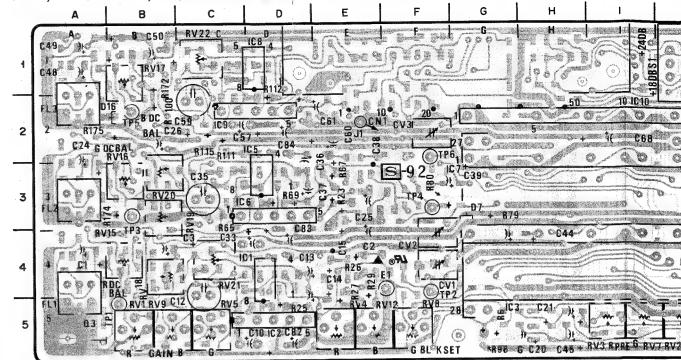
CN1	B-3	Q43	E-2
CN2	B-4	Q44	E-3
CN3	B-5	Q45	E-3
CN4	C-1	Q46	E-3
CN5	F-1	Q47	E-3
CN6	H-1	Q48	C-4
		Q49	A-3
FL1	H-3	Q50	B-3
FL2	F-3	Q51	B-2
FL3	D-2	Q52	D-1
		Q53	C-2
Q1	I-1	Q54	D-2
Q2	I-1	Q55	B-4
Q3	I-2	Q56	D-5
Q4	I-2	Q57	D-5
Q5	I-2		
Q6	H-3	RV1	I-3
Q7	G-2	RV2	G-3
Q8	G-2	RV3	E-5
Q9	H-3		
Q10	H-4		
Q11	H-4		
Q12	I-3		
Q13	I-4		
Q14	H-4		
Q15	H-5		
Q16	G-1		
Q17	G-1		
Q18	G-2		
Q19	G-2		
Q20	G-2		
Q21	F-3		
Q22	E-1		
Q23	E-2		
Q24	F-2		
Q25	F-4		
Q26	G-4		
Q27	G-3		
Q28	G-4		
Q29	F-3		
Q30	E-4		
Q31	G-5		
Q32	C-2		
Q33	B-1		
Q34	B-2		
Q35	B-1		
Q36	A-1		
Q37	A-2		
Q39	D-1		
Q40	D-1		
Q41	D-2		



VA-83;VIDEO AMP,BLACK SET,SHADING COMPE

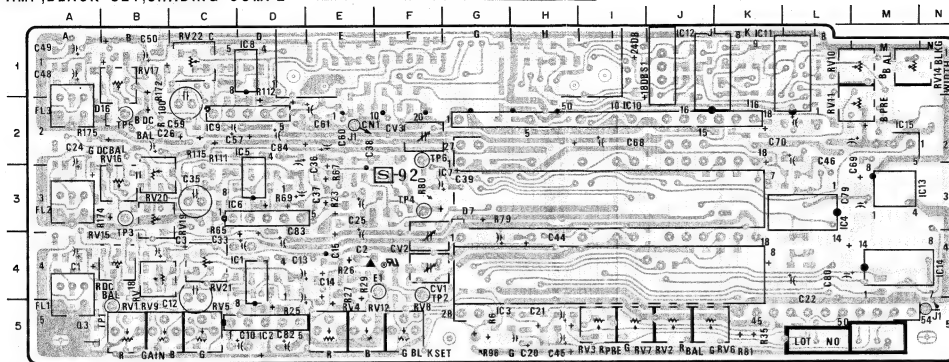
S/N:40784 through 40853

CN1	E-2	Q12	A-2	TP2	F-5
CV1	F-4	Q13	B-3	TP3	B-3
CV2	F-4	Q14	B-3	TP4	F-3
CV3	F-2	Q15	B-2	TP5	B-2
		Q16	C-2	TP6	F-2
		Q17	C-3		
D2	D-4	Q18	D-3		
D3	E-5	Q19	E-3		
D5	D-3	Q20	E-3		
D6	E-3	Q21	F-3		
D7	G-3	Q22	F-3		
D9	D-1	Q23	A-1		
D10	E-2	Q24	B-1		
D13	M-4	Q25	B-2		
D14	B-4	Q26	B-1		
D15	B-3	Q27	C-1		
D16	B-2	Q28	C-1		
		Q29	E-1		
E1	F-4	Q30	F-1		
		Q31	F-1		
FL1	A-5	Q32	E-2		
FL2	A-3	Q33	F-2		
FL3	A-2	Q34	H-1		
		Q35	I-1		
IC1	D-4	Q36	J-1		
IC2	D-5	Q44	J-1		
IC3	G-4	Q45	B-1		
IC4	L-3				
IC5	D-2	RV1	B-5		
IC6	C-3	RV2	J-5		
IC7	G-3	RV3	I-5		
IC8	D-1	RV4	E-5		
IC9	C-2	RV5	C-5		
IC10	F-2	RV6	J-5		
IC11	K-1	RV7	I-5		
IC12	J-1	RV8	F-5		
IC13	M-3	RV9	B-5		
IC14	M-4	RV10	L-1		
IC15	M-2	RV11	L-2		
		RV12	F-5		
Q1	A-4	RV14	N-1		
Q2	B-4	RV15	A-4		
Q3	A-5	RV16	B-2		
Q4	B-4	RV17	B-1		
Q5	C-4	RV18	B-4		
Q6	C-4	RV19	B-3		
Q7	D-4	RV20	B-3		
Q8	E-4				
Q9	E-4	S1	I-1		
Q10	F-5				
Q11	F-4	TP1	B-5		

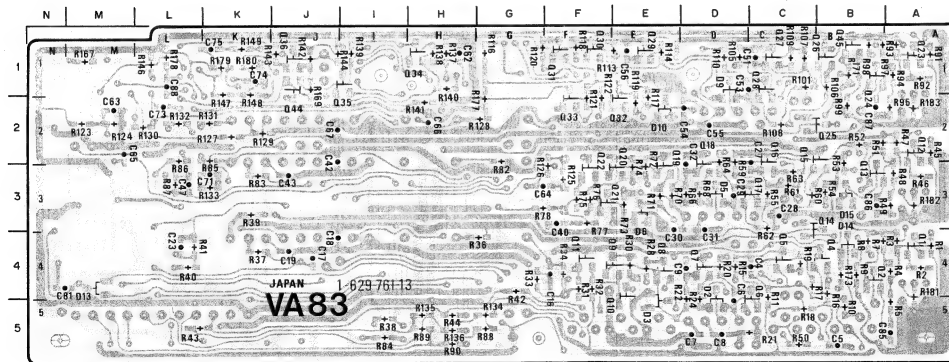


VA-83;VIDEO AMP, BLACK SET, SHADING COMPE

S/N:40784 through 40853



VA-83 -COMPONENT SIDE-

1-629-761-13
BVW-300
BVW-300P

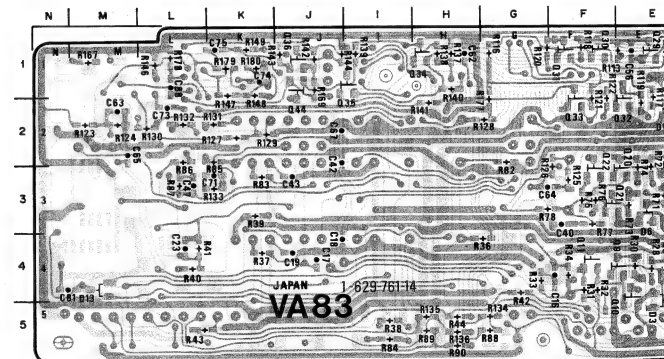
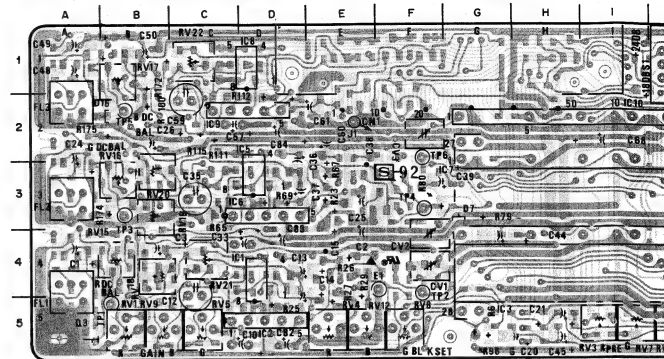
VA-83 -SOLDERING SIDE-

1-629-761-13
BVW-300
BVW-300P

VA-83;VIDEO AMP,BLACK SET,SHADING COMPE

S/N:40854 and higher

CN1	E-2	Q12	A-2	TP2	F-5
		Q13	B-3	TP3	B-3
CV1	F-4	Q14	B-3	TP4	F-3
CV2	F-4	Q15	B-2	TP5	B-2
CV3	F-2	Q16	C-2	TP6	F-2
		Q17	C-3		
D2	D-4	Q18	D-3		
D3	E-5	Q19	E-3		
D6	D-3	Q20	E-3		
D8	E-3	Q21	F-3		
D7	G-3	Q22	F-3		
D9	D-1	Q23	A-1		
D10	E-2	Q24	B-1		
D13	M-4	Q25	B-2		
D14	B-4	Q26	B-1		
D15	B-3	Q27	C-1		
D16	B-2	Q28	C-1		
		Q29	E-1		
E1	F-4	Q30	F-1		
		Q31	F-1		
FL1	A-5	Q32	E-2		
FL2	A-3	Q33	F-2		
FL3	A-2	Q34	H-1		
		Q35	I-1		
IC1	D-4	Q36	J-1		
IC2	D-5	Q44	J-1		
IC3	G-4	Q45	B-1		
IC4	L-3				
IC5	D-2	RV1	B-5		
IC6	C-3	RV2	J-5		
IC7	G-3	RV3	I-5		
IC8	D-1	RV4	E-5		
IC9	C-2	RV5	C-5		
IC10	I-2	RV6	J-5		
IC11	K-1	RV7	I-5		
IC12	J-1	RV8	F-5		
IC13	M-3	RV9	B-5		
IC14	M-4	RV10	L-1		
IC15	M-2	RV11	L-2		
		RV12	F-5		
		RV14	N-1		
Q1	A-4	RV15	A-4		
Q2	B-4	RV16	B-2		
Q3	A-5	RV17	B-1		
Q4	B-4	RV18	B-4		
Q5	C-4	RV19	B-3		
Q6	C-4	RV20	B-3		
Q7	D-4				
Q8	E-4				
Q9	E-4	S1	I-1		
Q10	F-5				
Q11	F-4	TP1	B-5		



S/N;40854 and higher



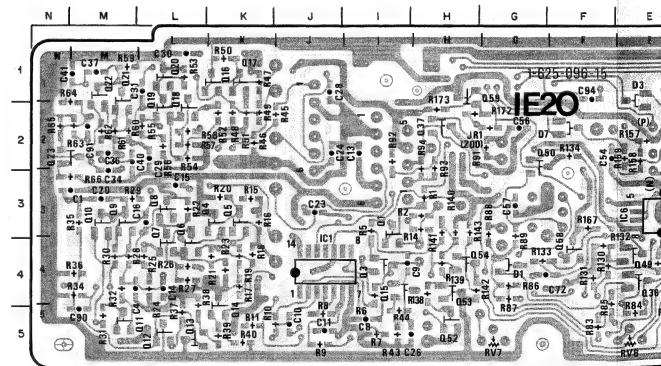
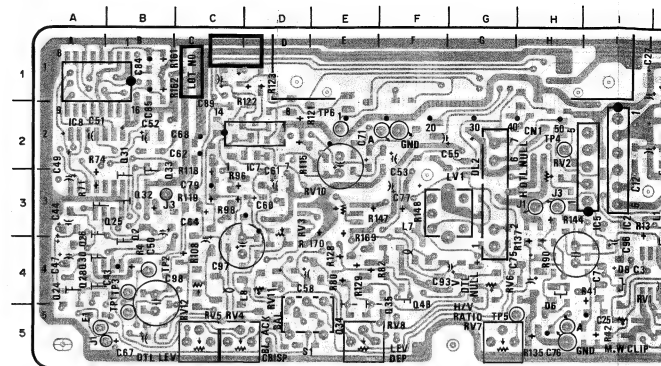
1-629-761-14
 BVW-300
 BVW-300P



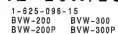
1-629-761-14
BVW-300
BVW-300P

IE-20AP;IMAGE ENHANCER

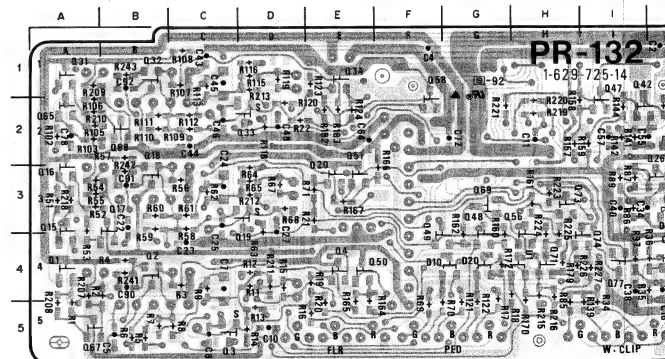
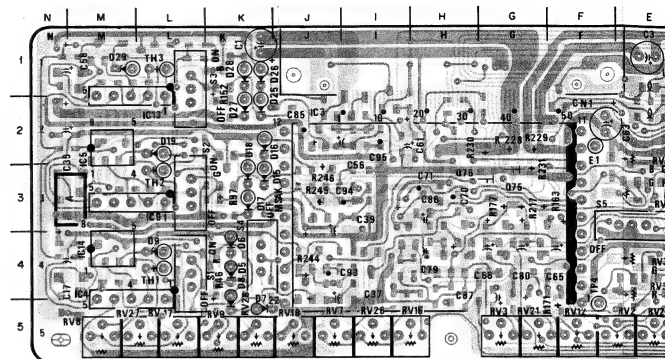
CN1	H-2	Q18	L-2	RV12	C-4
		Q19	L-2		
CV1	J-5	Q20	L-1	S1	D-5
CV2	N-3	Q21	M-1		
CV3	N-1	Q22	M-1	TP1	B-5
		Q23	N-2	TP2	B-4
DL1	L-4	Q24	A-4	TP3	B-4
DL2	G-2	Q25	B-3	TP4	H-2
		Q26	A-3	TP5	G-5
D1	G-4	Q27	A-3	TP6	E-2
D2	E-2	Q28	A-4		
D3	E-1	Q29	A-4		
D4	C-4	Q30	A-4		
D5	C-4	Q31	B-2		
D6	H-4	Q32	B-3		
D7	G-2	Q33	B-3		
D8	I-4	Q34	E-5		
D9	C-5	Q35	F-4		
		Q36	E-4		
E1	A-5	Q37	H-2		
		Q38	D-4		
IC1	J-4	Q41	C-5		
IC2	I-3	Q42	D-2		
IC3	J-1	Q43	C-3		
IC4	B-3	Q44	C-4		
IC5	I-3	Q45	C-4		
IC6	E-3	Q46	C-2		
IC7	D-2	Q47	D-2		
IC8	A-2	Q48	F-4		
IC9	A-1	Q49	E-4		
IC10	A-2	Q50	G-2		
		Q51	E-4		
LV1	G-3	Q52	H-5		
		Q53	H-4		
Q1	I-3	Q54	H-4		
Q2	B-3	Q56	D-1		
Q3	I-4	Q57	D-2		
Q4	L-3	Q58	F-4		
Q5	K-3	Q59	G-1		
Q6	L-3				
Q7	L-3	RV1	I-4		
Q8	L-3	RV2	H-2		
Q9	M-3	RV3	D-3		
Q10	M-3	RV4	C-5		
Q11	M-5	RV5	C-5		
Q12	L-5	RV6	G-4		
Q13	L-5	RV7	G-5		
Q14	K-5	RV8	E-5		
Q15	I-4	RV9	J-5		
Q16	K-1	RV10	E-3		
Q17	K-1	RV11	D-4		



TP6 E-2

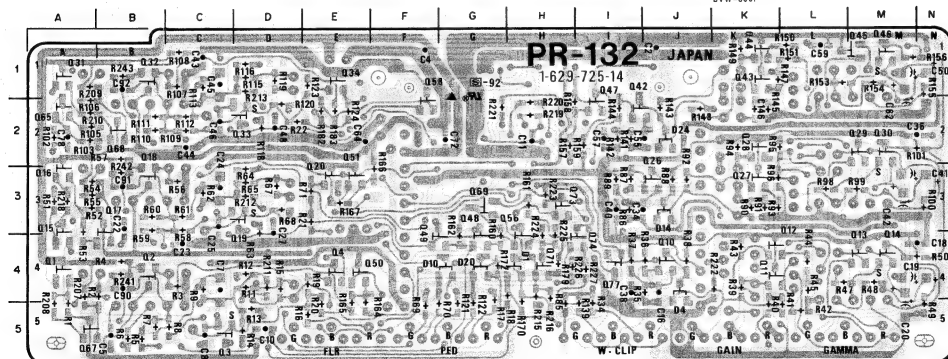
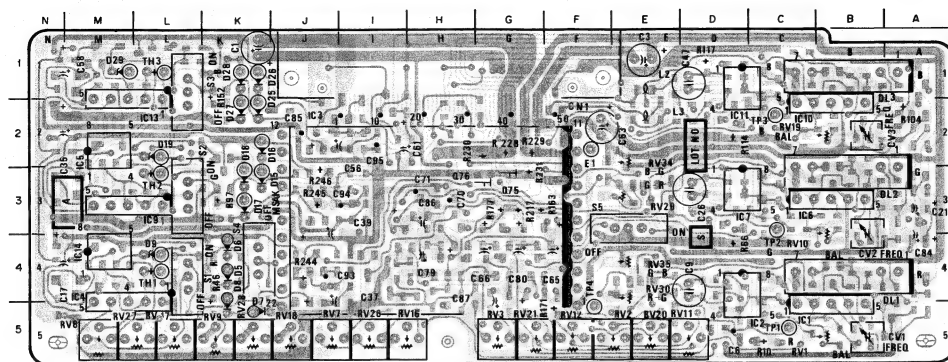


CN1	F-2	Q14	M-4	RV19	C-2
CV1	A-5	Q15	A-3	RV20	E-5
CV2	B-4	Q16	A-3	RV21	G-5
CV3	A-2	Q17	B-3	RV26	I-5
		Q18	B-2	RV27	M-5
DL1	A-5	Q19	D-4	RV28	K-5
DL2	A-3	Q20	E-3	RV29	E-3
DL3	A-2	Q26	J-2	RV30	E-4
		Q27	K-3	RV34	E-2
		Q28	K-2	RV35	E-4
D1	H-4	Q29	M-2		
D4	J-5	Q30	M-2	S1	K-4
D5	K-4	Q31	A-1	S2	K-2
D6	K-4	Q32	B-1	S3	K-1
D7	K-5	Q33	D-2	S4	K-3
D8	K-4	Q34	E-1	S5	F-3
D9	L-4	Q42	I-1		
D10	F-4	Q43	K-1	TH1	L-4
D14	J-3	Q44	K-1	TH2	L-3
D15	J-3	Q45	M-1	TH3	L-1
D16	K-2	Q46	M-1		
D17	K-3	Q47	I-1	TP1	C-5
D18	K-2	Q48	G-3	TP2	C-4
D19	L-2	Q49	F-3	TP3	C-2
D20	G-4	Q46	M-1	TP4	F-4
D24	J-2	Q47	I-1		
D25	K-2	Q48	G-3		
D26	K-1	Q49	F-3		
D27	K-2	Q50	E-4		
D28	K-1	Q51	E-2		
D29	M-1	Q56	H-3		
		Q58	F-1		
E1	F-2	Q65	A-2		
		Q67	A-5		
IC1	C-5	Q68	B-2		
IC2	C-5	Q69	G-3		
IC3	J-2	Q71	H-4		
IC4	M-4	Q73	H-3		
IC5	M-2	Q74	I-4		
IC6	C-3	Q75	G-3		
IC7	D-3	Q76	H-3		
IC9	L-3	Q77	I-4		
IC10	C-2				
IC11	D-2	RV1	C-5		
IC13	L-2	RV2	E-5		
IC14	M-4	RV3	G-5		
		RV7	J-4		
Q1	A-4	RV8	N-5		
Q2	B-4	RV9	K-5		
Q3	C-5	RV10	C-4		
Q4	E-4	RV11	E-5		
Q10	J-4	RV12	F-5		
Q11	K-4	RV16	I-5		
Q12	L-4	RV17	L-5		
Q13	M-4	RV18	J-4		



PR-132; GAMMA, MASKING, KNEE, SLOPE, W CLIP, DCC

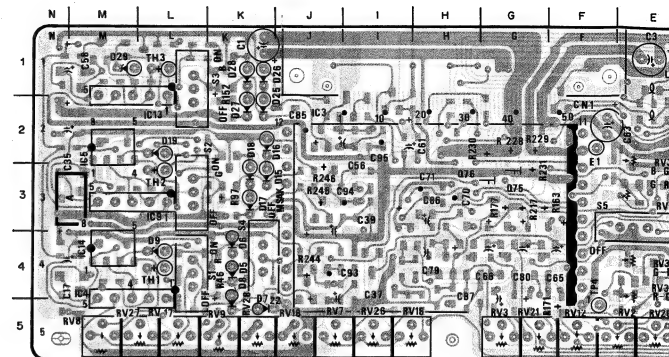
S/N: 40784 through 40998



PR-132 -SOLDERING SIDE-

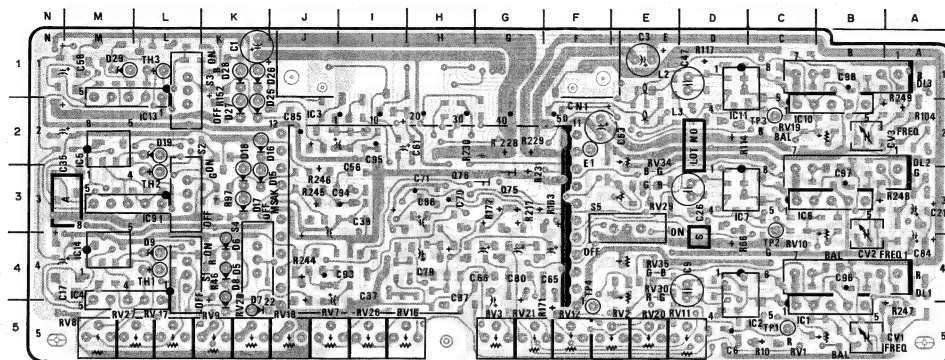
1-629-725-14
 BVW-200
 BVW-200P
 BVW-300P
 BVW-300P

CN1	F-2	Q14	M-4	RV18	C-2
CV1	A-5	Q15	A-3	RV20	E-5
CV2	B-4	Q16	A-3	RV21	G-5
CV3	A-2	Q17	B-3	RV26	I-5
		Q18	B-2	RV27	M-5
DL1	A-5	Q19	D-4	RV28	K-5
DL2	A-3	Q20	E-3	RV29	E-3
DL3	A-2	Q26	J-2	RV30	E-4
		Q27	K-3	RV34	E-2
		Q28	K-2	RV35	E-4
D1	H-4	Q29	M-2		
D4	J-5	Q30	M-2	S1	K-4
D5	K-4	Q31	A-1	S2	K-2
D6	K-4	Q32	B-1	S3	K-1
D7	K-5	Q33	D-2	S4	K-3
D8	K-4	Q34	E-1	S5	F-3
D9	L-4	Q42	I-1		
D10	F-4	Q43	K-1	TH1	L-4
D14	J-3	Q44	K-1	TH2	L-3
D15	J-3	Q45	M-1	TH3	L-1
D16	K-2	Q46	M-1		
D17	K-3	Q47	I-1	TP1	C-5
D18	K-2	Q48	G-3	TP2	C-4
D19	L-2	Q49	F-3	TP3	C-2
D20	G-4	Q46	M-1	TP4	F-4
D24	J-2	Q47	I-1		
D25	K-2	Q48	G-3		
D26	K-1	Q49	F-3		
D27	K-2	Q50	E-4		
D28	K-1	Q51	E-2		
D29	M-1	Q56	H-3		
		Q58	F-1		
E1	F-2	Q65	A-2		
		Q67	A-5		
IC1	C-5	Q68	B-2		
IC2	C-5	Q69	G-3		
IC3	J-2	Q71	H-4		
IC4	M-4	Q73	H-3		
IC5	M-2	Q74	I-4		
IC6	C-3	Q75	G-3		
IC7	D-3	Q76	H-3		
IC9	L-3	Q77	I-4		
IC10	C-2				
IC11	D-2	RV1	C-5		
IC13	L-2	RV2	E-5		
IC14	M-4	RV3	G-5		
		RV7	J-4		
Q1	A-4	RV8	N-5		
Q2	B-4	RV9	K-5		
Q3	C-5	RV10	C-4		
Q4	E-4	RV11	E-5		
Q10	J-4	RV12	F-5		
Q11	K-4	RV16	I-5		
Q12	L-4	RV17	L-5		
Q13	M-4	RV18	J-4		



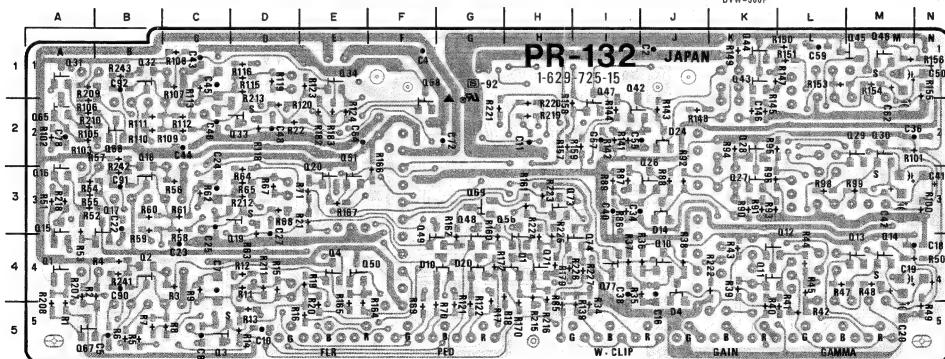
PR-132; GAMMA, MASKING, KNEE, SLOPE, W CLIP, DCC

S/N: 40999 and higher



PR-132 -COMPONENT SIDE-

1-629-725-15
BVW-200
BVW-200P
BVW-300
BVW-300P

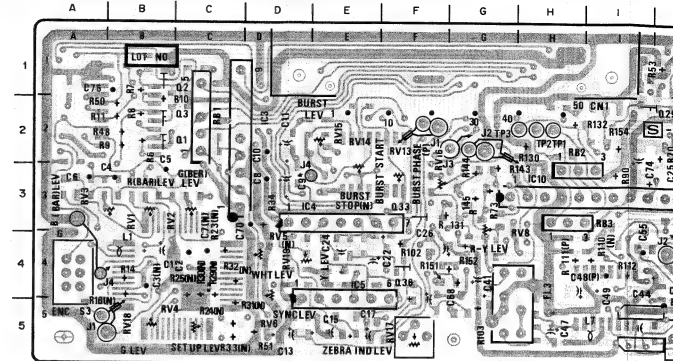


PR-132 -SOLDERING SIDE-

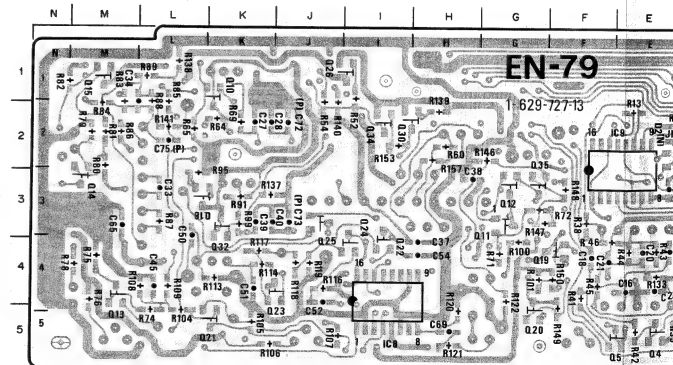
1-629-725-15
BVW-200
BVW-200P
BVW-300
BVW-300P

EN-79P;Y/R-Y/B-Y SIGNAL GEN.ENCODER CB GEN

CN1	I-2	Q34	I-2
		Q35	G-2
CV1	N-1	Q36	F-4
DL1	N3	RB1	C-2
D2	E-2	RB2	H-2
		RB3	I-3
FL3	H-4	RV1	B-3
		RV2	C-3
IC1	B-2	RV3	B-3
IC2	C-5	RV4	C-5
IC3	D-2	RV5	D-4
IC4	D-3	RV6	D-4
IC5	E-4	RV8	G-3
IC7	L-3	RV9	M-5
IC8	I-5	RV10	J-5
IC9	E-2	RV11	M-1
IC10	H-3	RV12	L-1
		RV13	F-3
LV2	K-4	RV14	E-2
		RV15	E-2
Q1	B-2	RV16	F-3
Q2	B-1	RV17	F-5
Q3	B-2	RV18	B-5
Q4	E-5	RV19	D-4
Q5	E-5	RV20	K-2
Q10	K-1	RV21	K-3
Q11	G-3		
Q12	G-3	S1	K-1
Q13	M-4	S2	L-3
Q14	M-3	S3	A-5
Q15	M-1		
Q18	L-3	TP1	H-2
Q19	F-4	TP2	H-2
Q20	G-5	TP3	G-2
Q21	K-5	TP4	L-5
Q22	I-4	TP5	K-5
Q23	J-4	TP6	L-3
Q24	I-4		
Q25	J-3	TP7	N-2
Q26	J-1		
Q27	J-1		
Q28	J-1		
Q29	I-2		
Q30	I-2		
Q31	K-2		
Q32	K-2		
Q33	F-3		

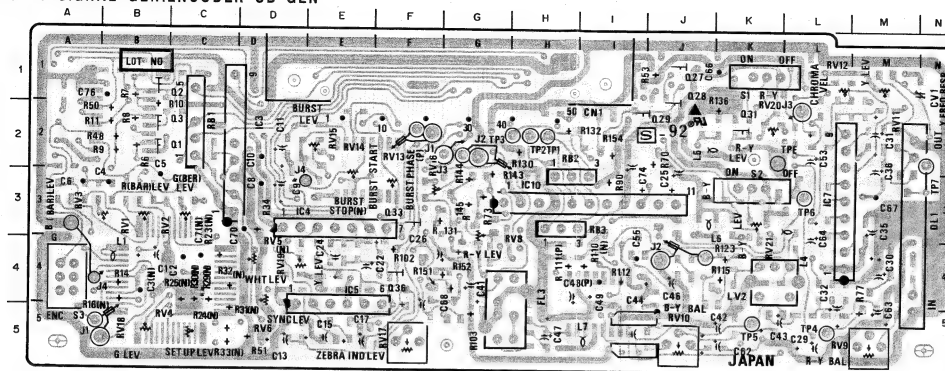


EN-7
1-625-72
BVW-200
BVW-200



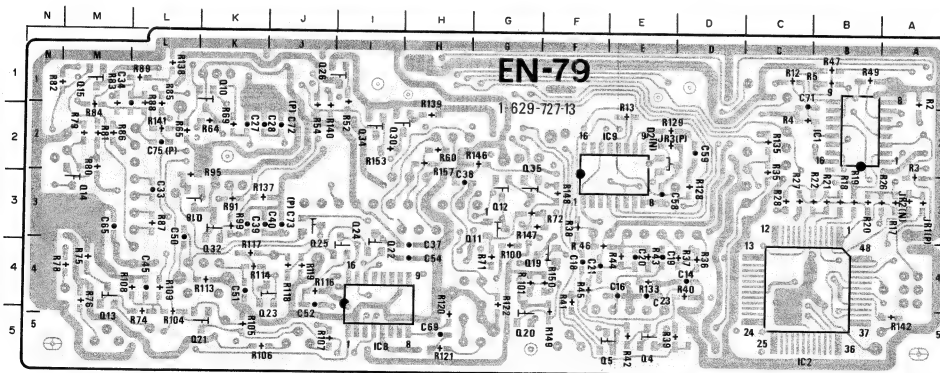
EN-7
1-625-72
BVW-200
BVW-200

EN-79P;Y/R-Y/B-Y SIGNAL GEN.ENCODER CB GEN



EN-79/79U/79P -COMPONENT SIDE-

1-825-727-13
 BVW-200 BVW-300
 BVW-200P BVW-300P

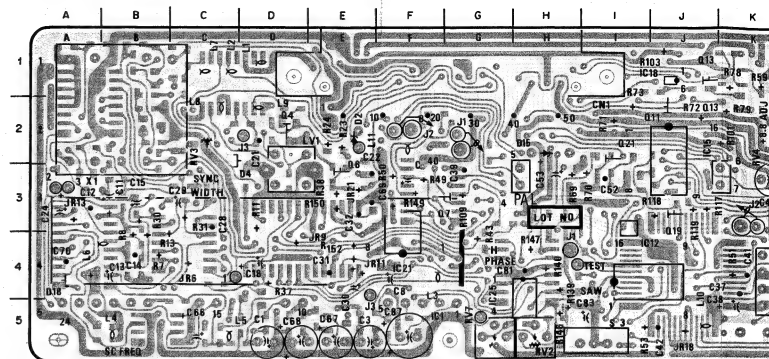


EN-79/79U/79P -SOLDERING SIDE-

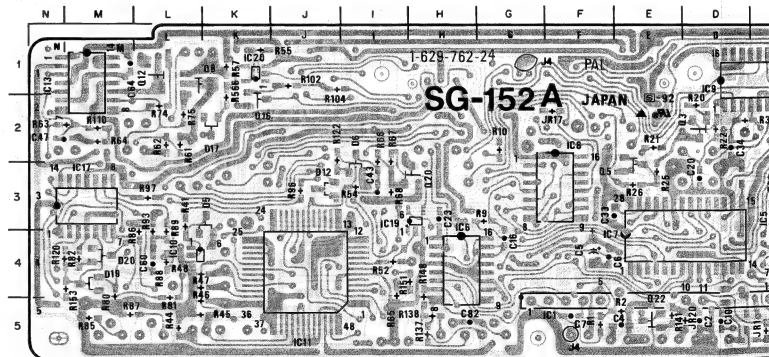
1-825-727-13
 BVW-200 BVW-300
 BVW-200P BVW-300P

SG-152P;SYNC GEN
SG-157P;SG PHASE

CN1	I-2	Q13	J-1
D1	C-2	Q16	K-2
D2	E-2	Q19	J-3
D3	A-3	Q21	I-2
D4	D-3	Q22	E-5
D5	K-3		
D8	I-2	RV1	C-5
D9	N-2	RV2	H-5
D10	M-4	RV3	C-2
D11	M-3	RV4	K-4
D12	J-3	RV5	L-5
D13	L-3	RV6	M-5
D15	H-2	RV7	G-5
D16	M-2		
D17	K-2	S2	K-4
D18	A-4	S3	I-5
E1	M-4	X1	A-2
IC1	F-5		
IC2	B-5		
IC3	A-4		
IC4	B-2		
IC5	C-3		
IC6	H-4		
IC7	F-4		
IC8	F-2		
IC9	D-1		
IC10	L-4		
IC11	J-5		
IC12	I-4		
IC13	N-1		
IC14	L-1		
IC15	J-2		
IC17	M-3		
IC18	I-1		
IC19	I-3		
IC20	K-1		
IC25	G-4		
LV1	D-2		
Q1	C-2		
Q2	C-1		
Q3	D-2		
Q4	D-2		
Q5	F-3		
Q6	E-3		
Q7	F-3		
Q8	K-1		
Q9	N-2		
Q10	N-1		
Q11	J-2		
Q12	L-1		

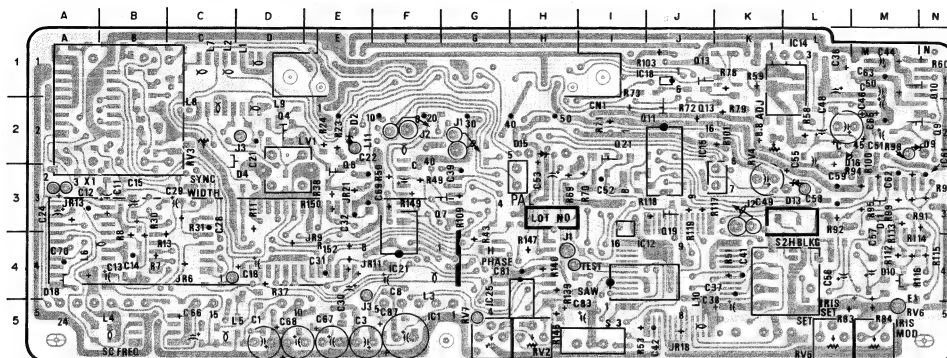


SG-1
1-629-785-
BVW-300P

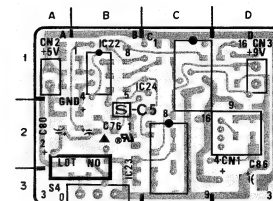


SG-1
1-629-762-
BVW-300P

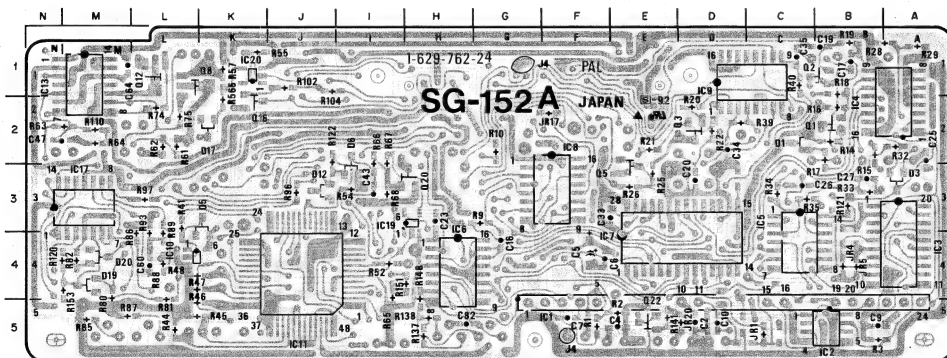
SG-152P;SYNC GEN
SG-157P;SG PHASE



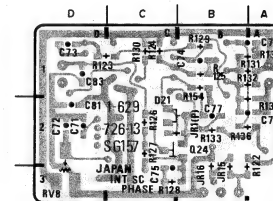
SG-152P -COMPONENT SIDE-
1-629-762-24
BVW-300P



SG-157P -COMPONENT SIDE-
1-629-726-13
BVW-300P



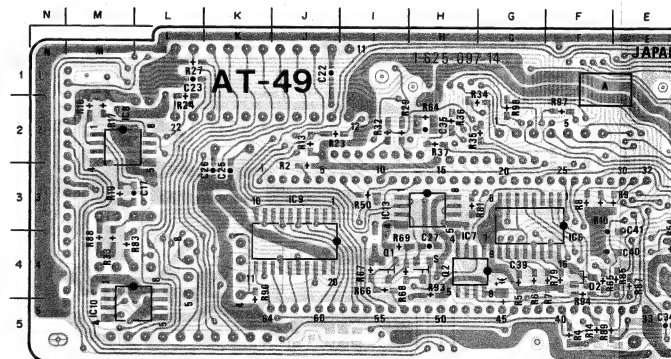
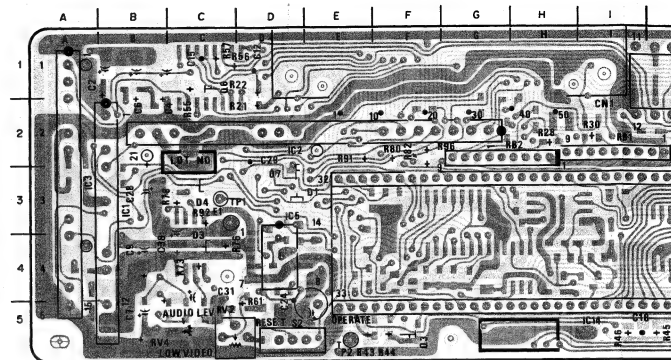
SG-152P -SOLDERING SIDE-
1-629-762-24
BVW-300P



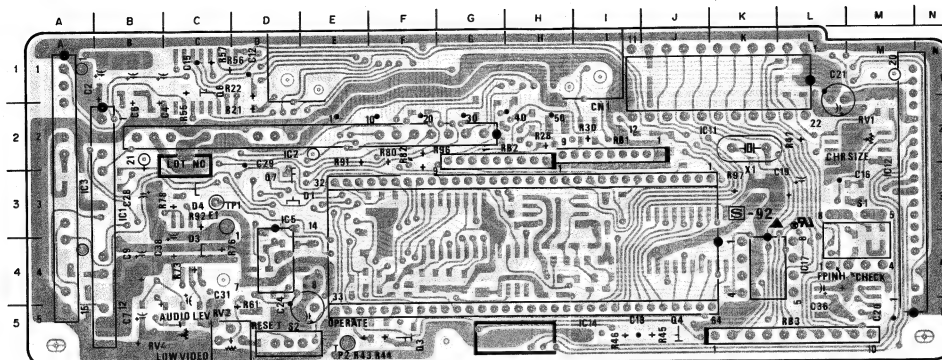
SG-157P -COMPONENT SIDE-
1-629-726-13
BVW-300P

AT-49A;AUTO W/B,CHARA GEN,SYS-CON.

CN1	I-2
D1	E-3
D2	F-4
D3	C-4
D4	C-3
E1	C-3
IC1	B-3
IC2	D-2
IC3	A-3
IC4	B-1
IC5	D-3
IC6	F-3
IC7	H-4
IC8	M-2
IC9	J-3
IC10	M-5
IC11	J-2
IC12	M-3
IC13	I-3
IC14	H-5
IC16	B-4
IC17	L-4
Q1	I-4
Q2	H-4
Q3	F-5
Q4	J-5
Q6	C-1
Q7	D-3
RB1	I-2
RB2	H-2
RB3	I-5
RV1	M-2
RV2	C-5
RV4	B-5
S1	M-3
S2	D-5
TP1	C-3
TP2	E-5
X1	K-3

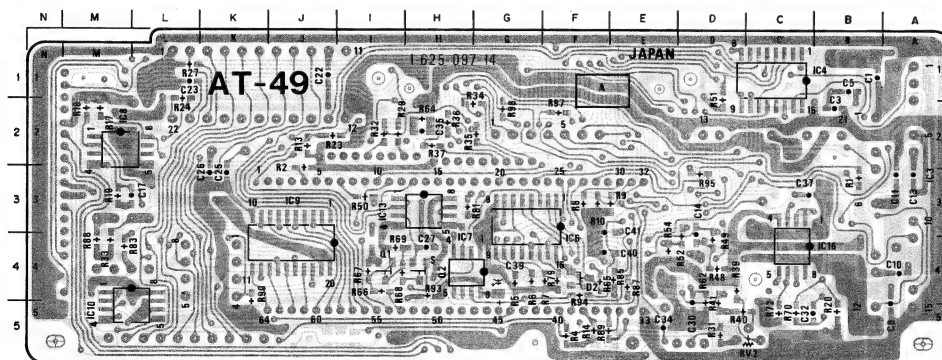


AT-49A; AUTO W/B, CHARA GEN, SYS-CON.



AT-49A -COMPONENT SIDE-

1-625-097-14
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P



AT-49A -SOLDERING SIDE-

1-625-097-14
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

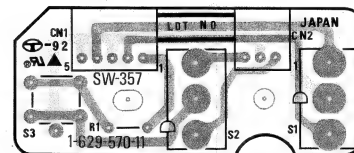
SW-220,SW-357B VR-77	SW-220,SW-357B VR-77
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SW-220;SEWITCH BOARD
SW-357B;SWITCH BOARD
VR-77;VOLUME CONTROL



VR-77 -COMPONENT SIDE-

1-625-554-13
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-357B -COMPONENT SIDE-

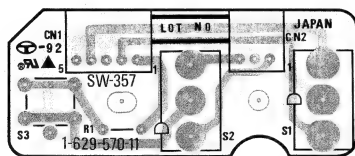
1-628-570-11
BVW-200
BVW-200P
BVW-300
BVW-300P

SW-220;SEWITCH BOARD
SW-357B;SWITCH BOARD
VR-77;VOLUME CONTROL



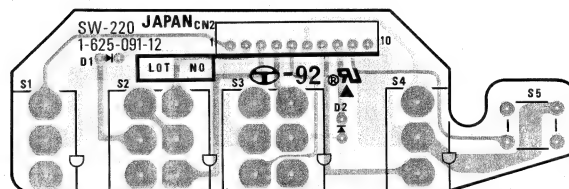
VR-77 -COMPONENT SIDE-

1-625-554-13
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-357B -COMPONENT SIDE-

1-629-570-11
BVW-200
BVW-200P
BVW-300
BVW-300P

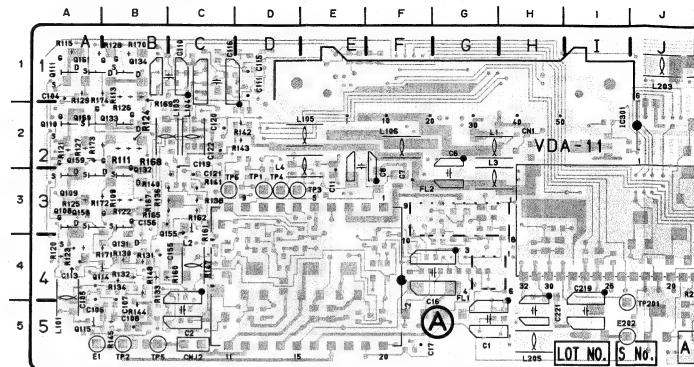


SW-220 -COMPONENT SIDE-

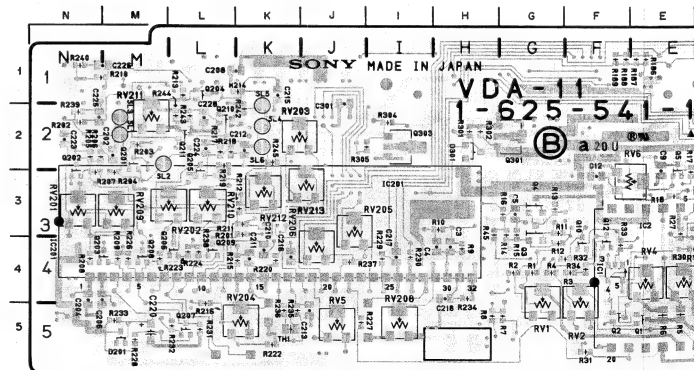
1-625-091-12
BVW-200
BVW-200P
BVW-300
BVW-300P

VDA-11P;CTDM AND C-MODULATOR

CN1	H-1	Q110	A-2	RV105	C-5
CNJ2	C-5	Q111	A-1	RV107	C-4
		Q112	B-5	RV108	C-3
CV1	B-3	Q114	A-4	RV201	N-3
CV2	B-2	Q115	A-5	RV202	L-3
CV3	B-2	Q116	C-5	RV203	K-2
CV4	B-1	Q117	C-4	RV204	K-5
CV11	B-3	Q118	C-2	RV205	J-3
CV12	B-2	Q120	C-1	RV206	J-4
CV13	B-2	Q121	D-1	RV208	I-5
CV14	B-1	Q122	D-1	RV209	M-3
		Q123	C-1	RV210	L-3
D201	M-5	Q131	B-3	RV211	M-2
D301	H-2	Q132	B-3	RV212	K-3
		Q133	B-2	RV213	J-3
E1	A-5	Q134	B-1		
E201	K-5	Q153	C-3	TH1	K-5
E202	I-5	Q154	C-3		
		Q155	C-3	TP1	D-3
FL1	G-4	Q156	C-1	TP2	B-5
FL2	G-3	Q157	B-1	TP3	D-3
FL202	N-2	Q158	A-3	TP4	D-3
FL203	N-1	Q159	A-3	TP5	B-5
		Q160	A-2	TP6	C-3
IC1	F-4	Q161	A-1	TP201	I-5
IC2	F-5	Q201	M-2	TP202	K-5
IC3	D-2	Q202	N-3	TP203	I-5
IC101	C-2	Q203	N-4		
IC201	N-3	Q204	L-1		
IC301	J-2	Q205	L-2		
		Q206	L-4		
LV201	L-5	Q207	L-5		
		Q208	M-4		
Q1	E-5	Q209	L-4		
Q2	F-5	Q210	L-2		
Q3	G-3	Q211	L-2		
Q4	G-3	Q301	G-2		
Q5	E-2	Q303	I-2		
Q6	D-3				
Q7	C-4	RV1	G-5		
Q8	D-3	RV2	F-5		
Q9	D-4	RV3	E-4		
Q10	F-4	RV4	E-4		
Q11	D-3	RV5	J-5		
Q12	F-4	RV6	E-3		
Q101	A-5	RV7	D-4		
Q106	B-4	RV101	A-4		
Q107	B-4	RV102	A-3		
Q108	A-3	RV103	A-2		
Q109	A-3	RV104	A-1		



VC
1-61
BVW
BVW

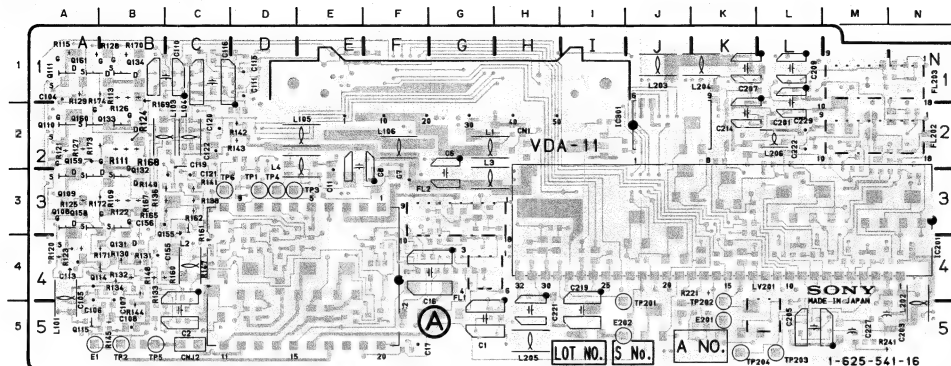


VC
1-62
BVW
BVW

15 C-5
17 C-4
18 C-3
11 N-3
12 L-3
13 K-2
14 K-5
15 J-3
16 J-4
18 I-5
19 M-3
0 L-3
1 M-2
2 K-3
3 J-3

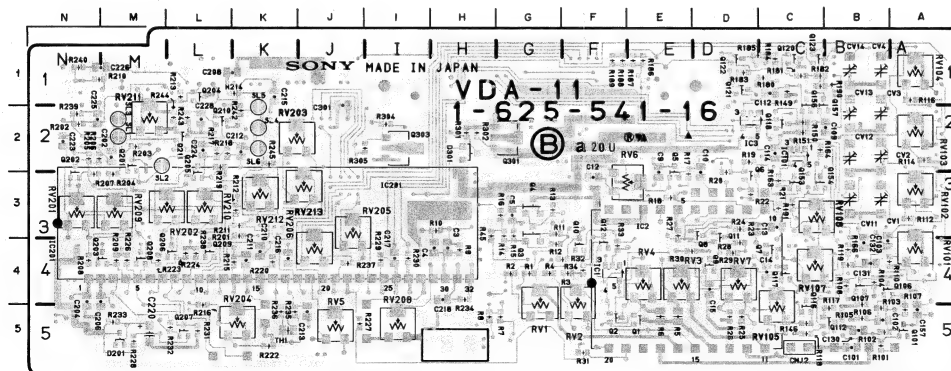
K-5

D-3
B-5
D-3
D-3
B-5
C-3
1 I-5
2 K-5
3 L-5
4 K-5



VDA-11/11P -COMPONENT SIDE-

1-625-541-16
BVW-200 BVW-300
BVW-200P BVW-300P

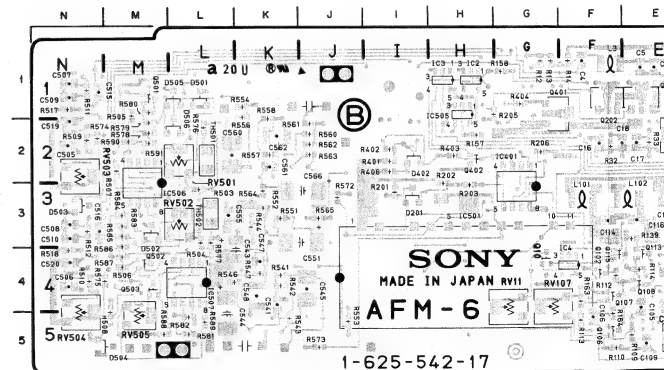
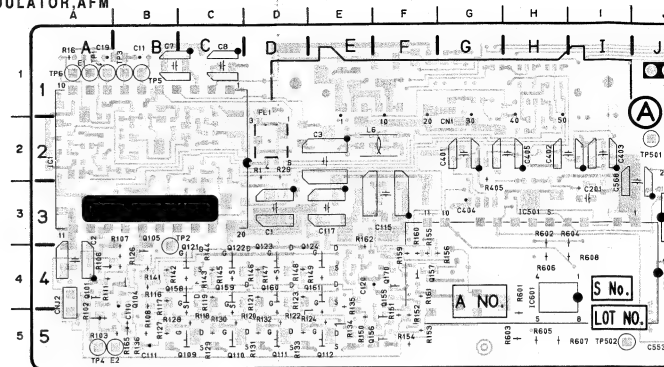


VDA-11/11P -SOLDERING SIDE-

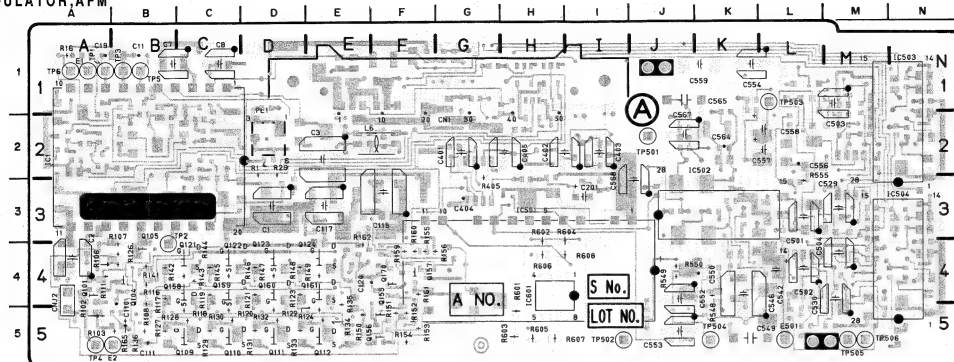
1-625-541-16
BVW-200 BVW-300
BVW-200P BVW-300P

AFM-6P;T-MODULATOR,AFM

CN1	G-1	Q104 B-4	TP1	A-1
		Q105 B-4	TP2	B-4
CNJ2	A-4	Q106 F-5	TP3	B-1
		Q107 F-4	TP4	A-5
CV1	C-4	Q108 E-4	TP5	B-1
CV2	C-4	Q109 C-5	TP6	A-1
CV3	D-4	Q110 C-5	TP501	J-2
CV4	E-4	Q111 D-5	TP502	I-5
CV101	C-4	Q112 E-5	TP503	L-1
CV102	C-4	Q113 E-4	TP504	K-5
CV103	D-4	Q115 F-4	TP505	M-5
CV104	E-4	Q121 C-4	TP506	M-5
		Q122 C-4		
		Q123 D-4		
D201	I-3	Q124 E-4		
D402	I-2	Q155 F-5		
D501	L-1	Q156 E-5		
D502	M-3	Q157 F-4		
D503	N-3	Q158 C-4		
D504	M-5	Q159 C-4		
D505	L-1	Q160 D-4		
D506	L-2	Q161 E-4		
E1	A-1	Q170 F-4		
E2	B-5	Q201 E-1		
E501	L-5	Q202 F-1		
		Q401 G-1		
FL1	D-2	Q402 H-2		
		Q501 M-1		
IC1	C-2	Q502 M-4		
IC2	H-1	Q503 M-4		
IC3	H-1			
IC4	F-4	RV1	D-2	
IC401	G-3	RV2	A-1	
IC501	H-3	RV3	C-3	
IC502	K-3	RV4	D-3	
IC503	N-1	RV5	B-4	
IC504	N-3	RV6	A-3	
IC505	H-1	RV7	B-3	
IC506	M-3	RV8	B-2	
IC507	L-4	RV10	E-2	
IC501	H-4	RV11	C-4	
		RV101	C-5	
Q1	D-3	RV102	C-5	
Q2	A-3	RV103	D-5	
Q3	C-2	RV104	E-5	
Q4	A-1	RV107	G-4	
Q5	C-1	RV501	L-2	
Q6	B-1	RV502	L-3	
Q7	A-2	RV503	N-2	
Q8	A-2	RV504	N-5	
Q9	A-2	RV505	M-5	
Q101	A-4			
Q102	F-4	TH501	L-2	
Q103	B-5	TH502	L-3	

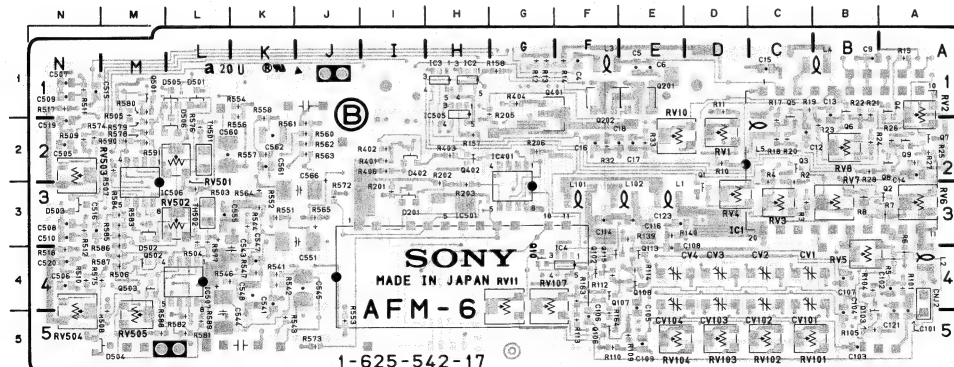


AFM-6P;T-MODULATOR,AFM



AFM-6/6P -COMPONENT SIDE-

1-625-542-17
BVW-200 BVW-300
BVW-200P BVW-300P

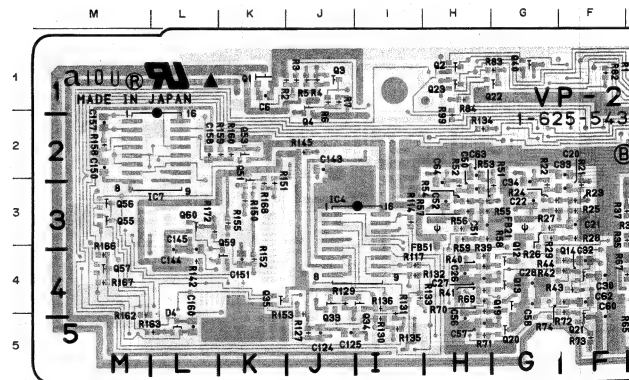
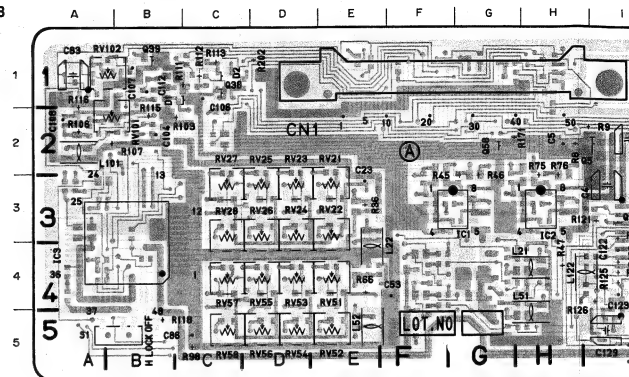


AFM-6/6P -SOLDERING SIDE-

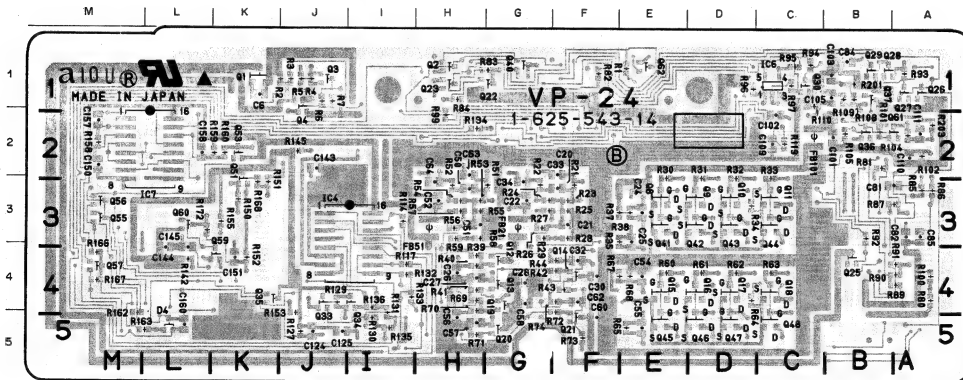
1-825-542-17
BVW-200 BVW-300
BVW-200P BVW-300P

VP-24P;VIDEO PB

CN1	F-1	Q36	C-2
D1	B-1	Q37	B-1
D2	B-1	C38	B-1
D3	C-1	C39	B-1
D4	M-2	Q40	G-3
	L-5	Q41	D-3
FB21	G-3	Q42	D-3
FB51	H-3	Q43	D-3
FB101	C-2	Q45	D-5
		Q46	D-5
IC1	G-3	Q47	D-5
IC2	H-3	Q48	D-5
IC3	A-4	O51	K-2
IC4	L-3	Q52	M-1
IC5	K-3	Q53	M-1
IC6	J-1	O54	M-3
IC7	L-3	O55	M-3
		O56	M-3
K1	K-1	O57	M-2
Q2	H-1	O58	G-4
Q3	K-1	O59	G-4
Q4	J-1	O60	L-3
O5	I-2	O61	A-2
O6	D-3	O62	E-1
O9	D-3		
O10	G-3	RV21	E-2
O11	G-3	RV22	E-2
O12	G-4	RV23	D-3
O13	G-4	RV24	D-3
O14	F-4	RV25	D-3
O15	E-4	RV26	D-3
O16	F-5	RV27	D-3
O17	D-4	RV28	C-3
O18	C-4	RV51	E-4
O19	G-4	RV52	E-5
O20	F-5	RV53	D-4
O21	F-5	RV54	D-4
O22	G-1	RV55	D-4
O23	H-1	RV56	D-4
O25	B-4	RV57	C-4
O26	A-2	RV58	C-5
O27	A-2	RV101	A-5
O28	B-1	RV102	A-2
O29	B-1	RV141	I-2
O30	C-1	RV142	K-2
O31	I-3		
O32	I-4	S1	A-5
O33	J-4		
O34			
O35	K-4		



1-625-543-14
BVW-200 BVW-300
BVW-200P BVW-300P

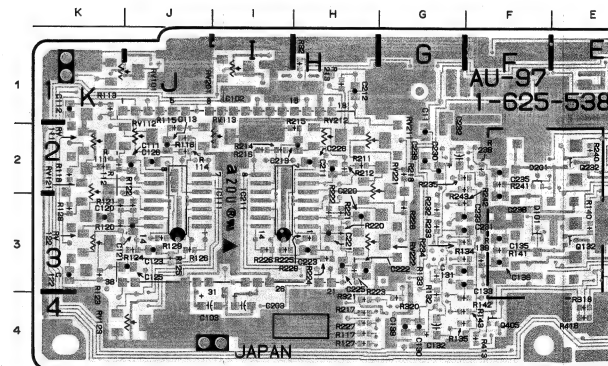
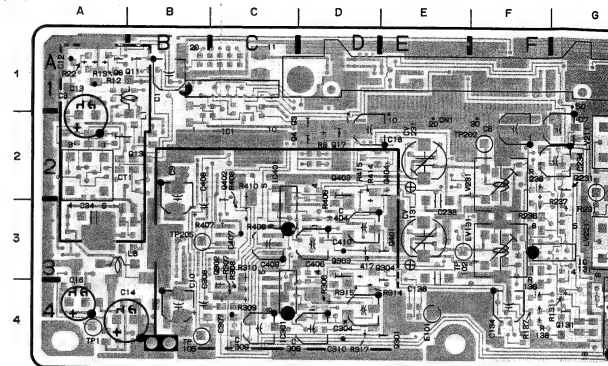


1-625-543-14
 BVW-200 BVW-300
 BVW-200P BVW-300P

AU-97P;AUDIO REC/PB

CN1	E-2	RV1	A-1
		RV2	B-3
CT1	A-2	RV101	J-1
		RV111	K-2
CV131	E-3	RV112	J-2
CV231	E-2	RV113	I-2
		RV121	K-2
D1	B-3	RV122	K-3
D101	F-3	RV123	K-4
D201	F-2	RV201	J-1
		RV211	G-2
E101	E-4	RV212	H-2
		RV221	G-2
IC1	C-2	RV222	G-3
IC2	A-3	RV302	E-4
IC102	I-4	RV303	C-4
IC111	I-2	RV402	E-3
IC112	H-4	RV403	C-2
IC131	G-3		
IC211	I-2	TP1	A-4
IC301	C-4	TP101	K-2
IC302	C-3	TP102	E-3
IC401	C-2	TP105	B-4
		TP201	G-2
LV111	K-1	TP202	E-2
LV121	K-3	TP205	B-3
LV131	F-3		
LV211	G-2		
LV221	G-3		
LV231	F-2		

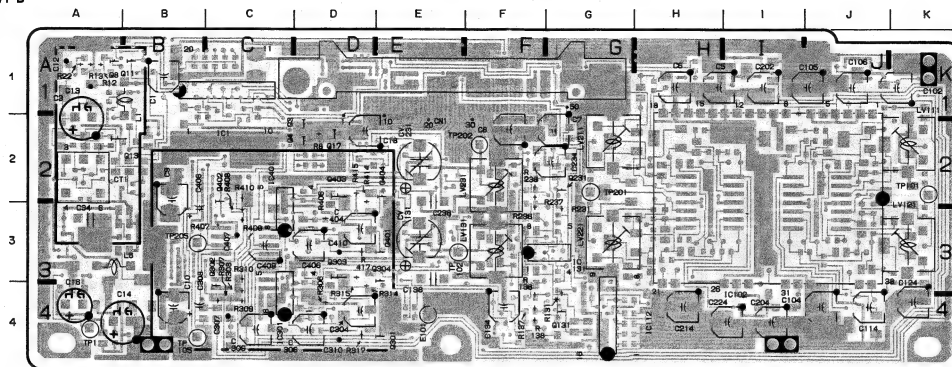
O1	C-2
O2	C-2
O3	C-2
O4	C-2
O8	A-1
O9	A-1
O10	A-1
O11	B-1
O12	B-2
O13	B-2
O14	A-2
O15	A-2
O16	D-2
O17	D-2
O18	B-3
Q131	G-4
Q132	E-3
Q231	G-2
Q232	E-2
Q302	C-3
Q402	C-2



AU-97P;AUDIO REC/PB

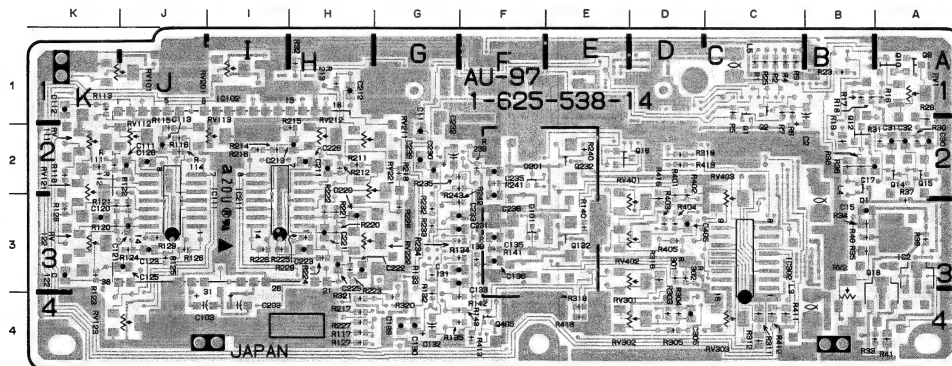
RV1 A-1
RV2 B-3
RV101 J-1
RV111 K-2
RV112 J-2
RV113 I-2
RV121 K-2
RV122 K-3
RV123 K-4
RV201 J-1
RV211 G-2
RV212 H-2
RV221 G-2
RV222 G-3
RV302 E-4
RV303 C-4
RV402 E-3
RV403 C-2

TP1 A-4
TP101 K-2
TP102 E-3
TP105 B-4
TP201 G-2
TP202 E-2
TP205 B-3



AU-97/97P -COMPONENT SIDE-

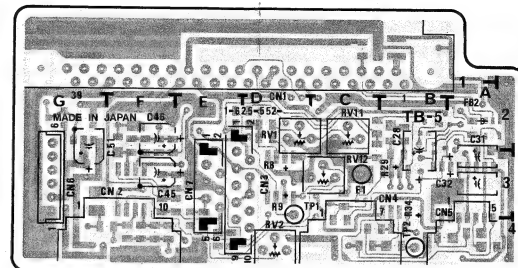
1-625-538-14
BVW-200 BVW-300
BVW-200P BVW-300P



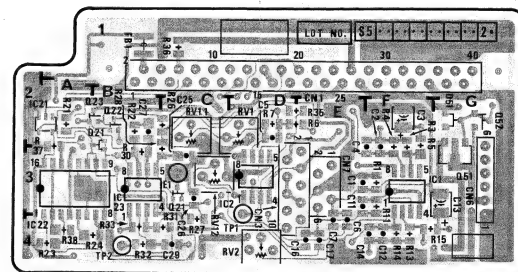
AU-97/97P -SOLDERING SIDE-

1-625-538-14
BVW-200 BVW-300
BVW-200P BVW-300P

TB-5; TERMINAL BOARD, AUDIO CONF

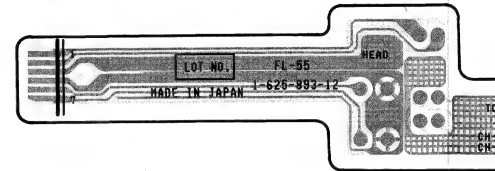


TB-5 -COMPONENT SIDE-
 1-826-852-14
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

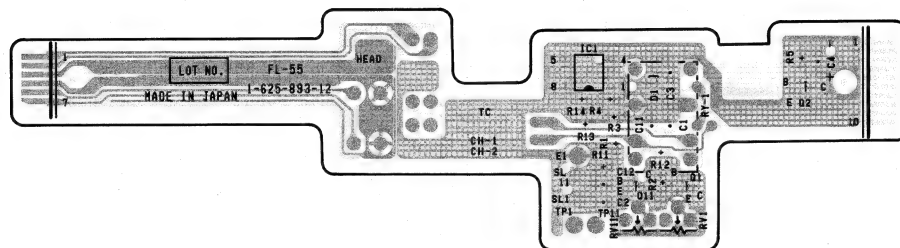


TB-5 -SOLDERING SIDE-
 1-826-852-14
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

FL-55P;AUDIO HEAD AMP,RELAY BOARD



FL-55P;AUDIO HEAD AMP,RELAY BOARD

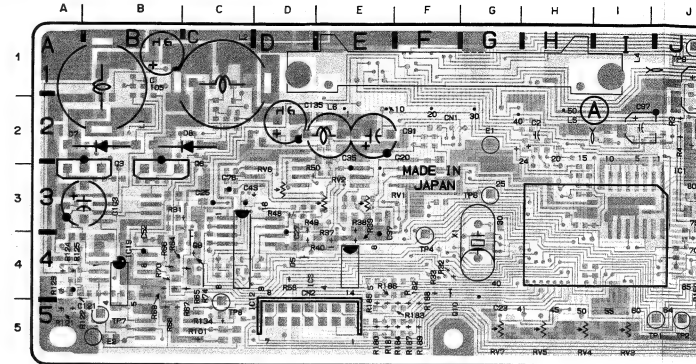


FL-55/55P -COMPONENT SIDE-

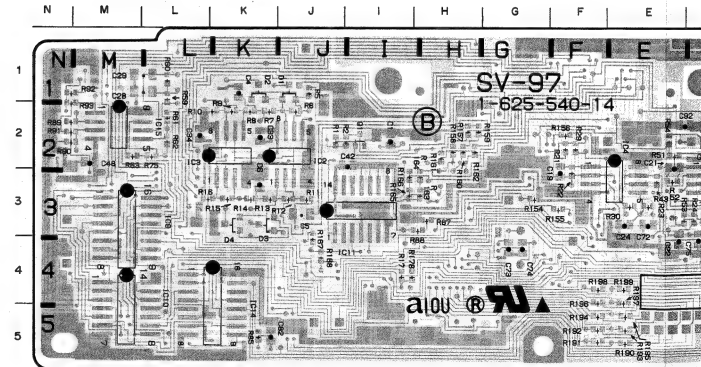
1-625-893-12
BVW-200
BVW-200P
BVW-300
BVW-300P

SV-97AP;DRUM/CAPSTAN SERVO

CN1	F-1	RV1	E-3
CN2	D-5	RV2	E-3
		RV3	I-5
D1	J-1	RV4	H-5
D2	K-1	RV5	H-5
D3	K-3	RV6	D-3
D4	K-3	RV7	G-5
D5	D-4		
D7	A-2	TP1	J-5
D8	C-2	TP2	J-5
		TP3	N-3
E1	G-2	TP4	F-4
E2	B-5	TP5	N-4
E3	N-1	TP6	G-3
E4	N-4	TP7	B-5
		TP8	C-5
		TP9	J-1
IC1	J-3		
IC2	J-2		
IC3	K-2		
IC4	E-2		
IC5	D-3		
IC6	E-4		
IC7	D-4		
IC9	M-3		
IC10	M-4		
IC11	I-3		
IC12	C-4		
IC14	K-5		
IC15	M-2		
IC16	C-5		
IC17	B-3		
IC18	B-4		
IC19	B-4		
IC22	M-3		
Q1	I-2		
Q2	D-4		
Q3	B-3		
Q4	B-1		
Q5	B-1		
Q6	C-3		
Q7	C-2		
Q8	C-1		
Q9	C-4		
Q10	F-4		

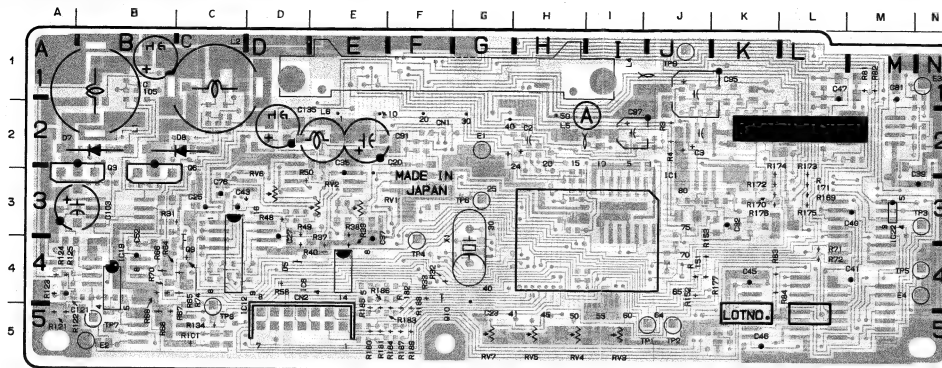


SV-
1-625-5
SVW-200
SVW-200



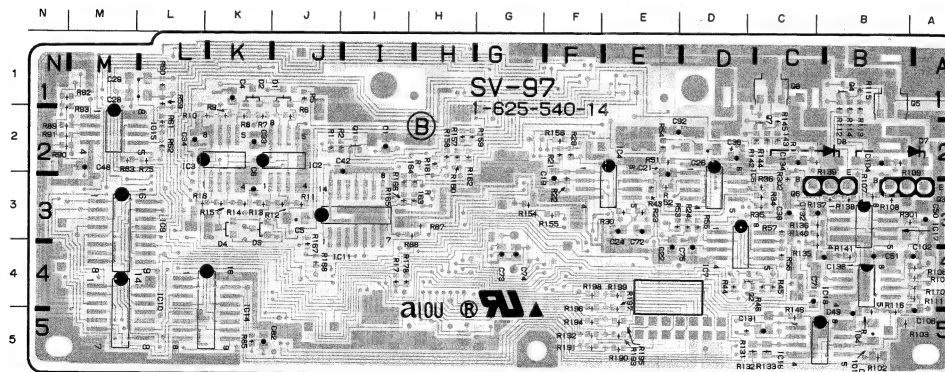
SV-
1-625-5
SVW-200
SVW-200

SV-97AP;DRUM/CAPSTAN SERVO



SV-97A/97AP -COMPONENT SIDE-

1-625-540-14
BVW-200 BVW-300
BVW-200P BVW-300P



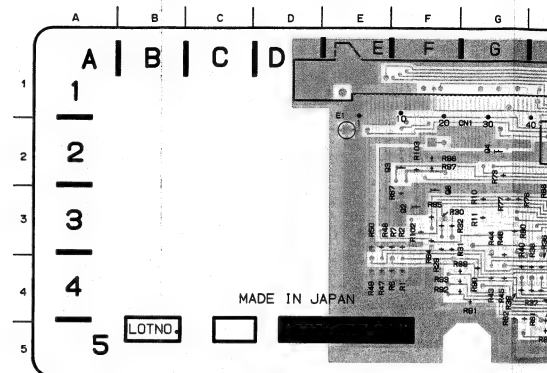
SV-97A/97AP -SOLDERING SIDE-

1-625-540-14
BVW-200 BVW-300
BVW-200P BVW-300P

SY-117BP SY-117BP

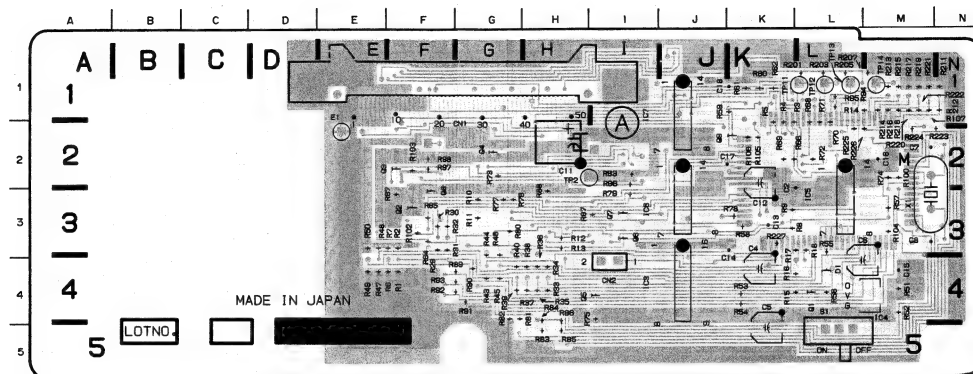
SY-117BP;SYSTEM CONTROL S/N:40784 through 40913

CN1 F-1
CN2 I-4
D1 L-4
E1 E-2
IC1 L-2 (Solder Side)
IC3 J-4
IC4 M-4
IC5 L-3
IC6 I-3
IC7 J-1
Q1 L-4
Q2 F-3
Q3 F-2
Q4 G-2
Q5 I-4
Q6 I-3
Q7 I-3
Q8 F-3
Q9 K-2
S1 L-5
TP2 H-2
TP11 L-1
TP12 L-1
TP13 L-1
TP14 M-1
X1 M-3



SY-117BP;SYSTEM CONTROL S/N;40784 through 40913

(Solder Side)



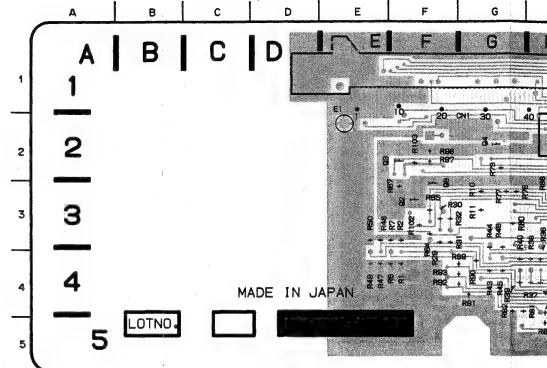
SY-117BP -COMPONENT SIDE-

1-825-538-21
BVW-300
BVW-300P

SY-117CP

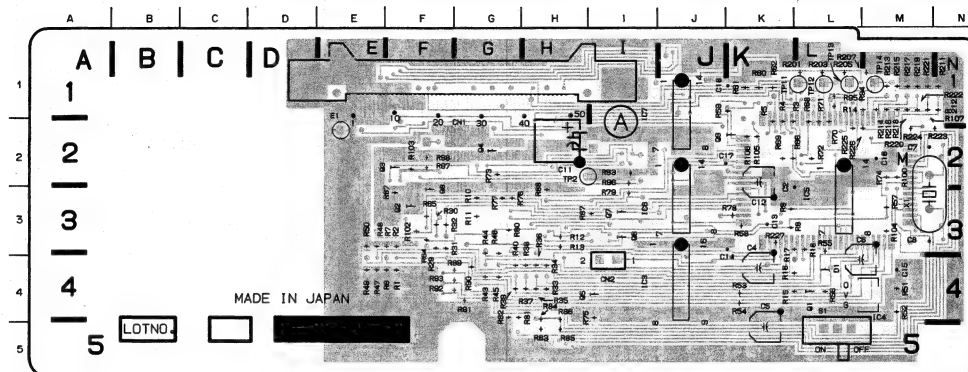
S/N; 40914 and higher

X1 M-3



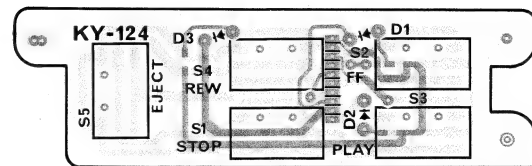
SY-117CP;SYSTEM CONTROL S/N;40914 and higher

(Solder Side)



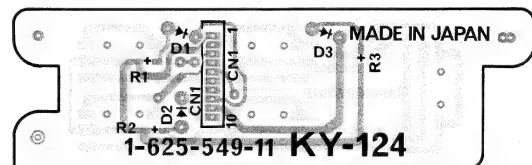
SY-117CP -COMPONENT SIDE-
1-825-539-21
BVW-300
BVW-300P

KY-124;KEY BOARD



KY-124 -COMPONENT SIDE-

1-625-549-11
BVW-200
BVW-200P
BVW-300
BVW-300P

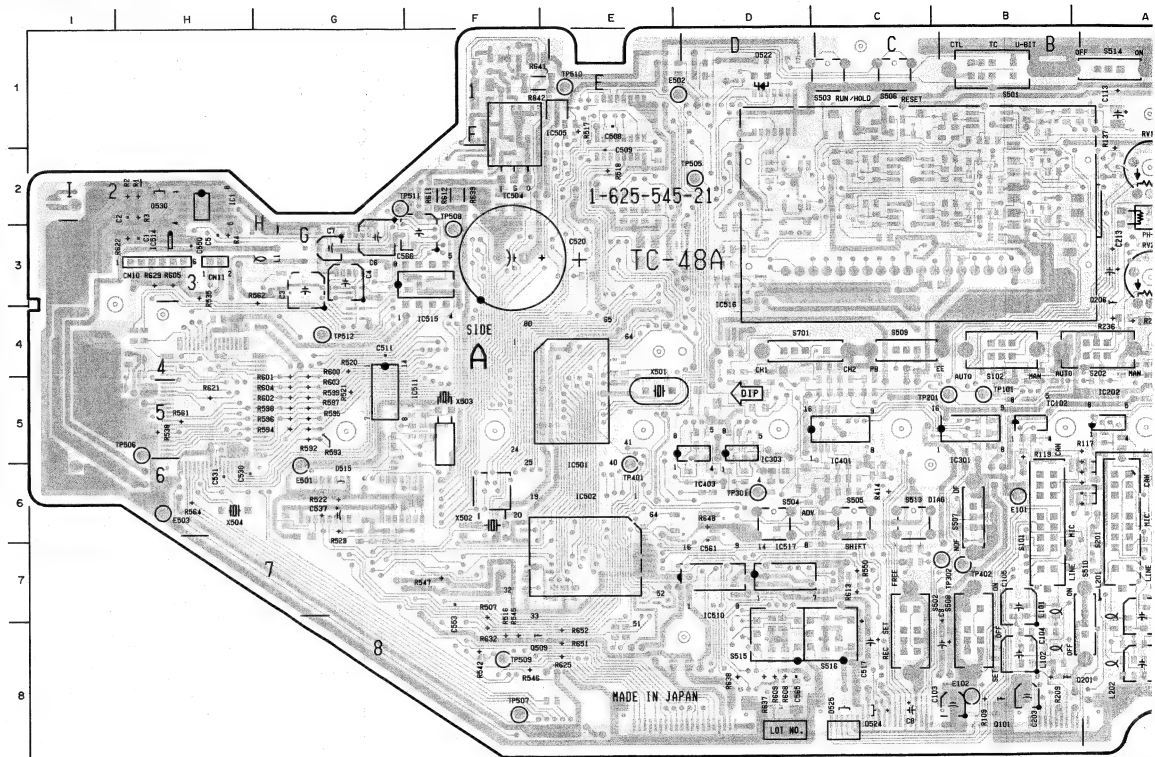


KY-124 -SOLDERING SIDE-

1-625-549-11
BVW-200
BVW-200P
BVW-300
BVW-300P

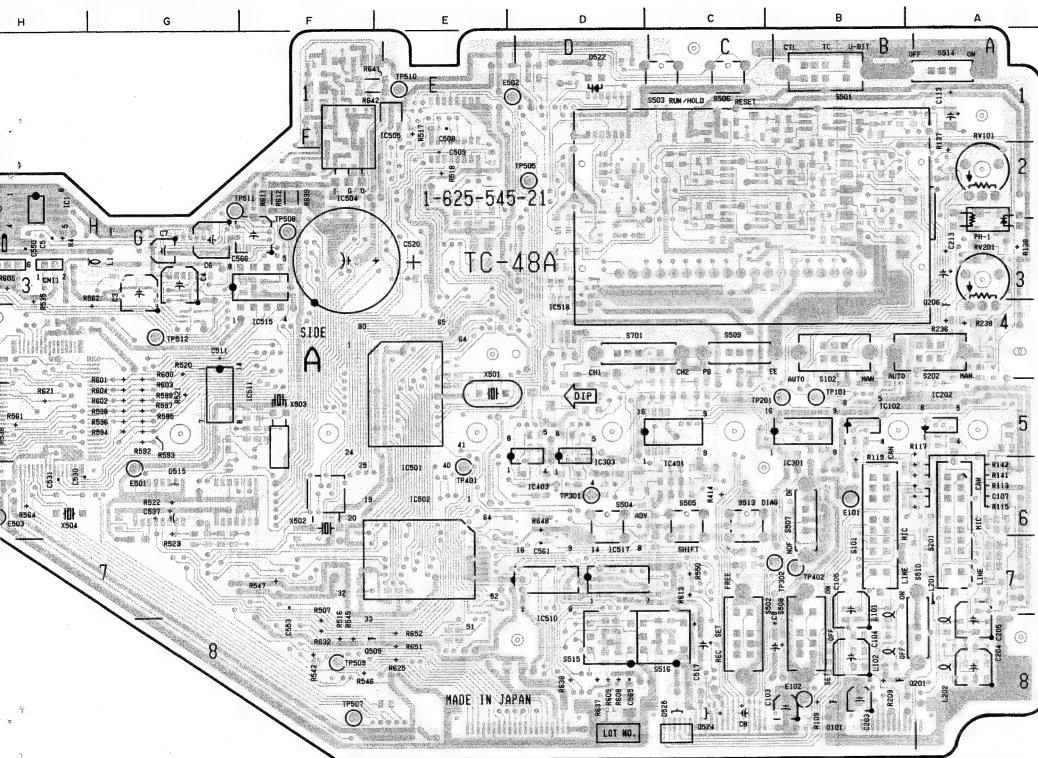
HP-43;EAR PHONE
TC-48AP;TIME CODE,LEVEL CONTROL,MONITOR,SW,INDICATOR
VR-70;VOLUME CONTROL

CN1	B-8	IC505	E-1	RV101	A-1	X501	E-4
CN2	B-8	IC506	F-6	RV101	A-3	X502	F-6
CN3	C-8	IC507	D-1	RV301	D-1	X503	F-6
CN10	H-3	IC508	E-1	RV302	D-5	X504	H-6
CN11	H-3	IC509	F-2	RV401	A-6		
		IC510	D-7	RV402	D-5		
D101	A-7	IC511	G-5	RV701	C-1		
D102	A-7	IC512	G-3	RV702	C-1		
D103	C-2	IC513	G-6				
D104	B-6	IC514	H-3	S101	B-7		
D201	A-7	IC515	A-4	S102	B-4		
D202	A-7	IC516	D-4	S103	C-2		
D203	C-3	IC517	D-7	S201	A-7		
D301	D-5	IC518	F-1	S202	A-4		
D401	E-5	IC519	D-2	S203	C-2		
D501	F-2	IC520	G-2	S301	A-1		
D511	E-4	IC521	G-4	S502	C-7		
D514	G-7	IC522	E-3	S503	C-1		
D515	G-6	IC523	E-7	S504	D-6		
D522	D-1	IC701	B-1	S505	C-6		
D523	D-8	IC702	D-4	S506	E-1		
D524	C-3	IC703	C-1	S507	B-6		
D525	C-8			S508	B-7		
D526	F-2	PH1	A-3	S509	C-4		
D527	E-1			S510	A-7		
D528	F-1	Q101	B-8	S511	G-3		
D529	H-3	Q102	A-2	S513	C-6		
D530	D-2	Q103	B-2	S514	A-1		
		Q104	B-2	S515	D-8		
E101	B-6	Q105	B-2	S516	C-8		
E102	B-8	Q106	A-1	S517	D-7		
E501	G-6	Q107	A-1	S518	D-4		
E502	D-1	Q108	A-1	S701	D-7		
E503	H-6	Q202	A-4				
		Q203	B-2	TP101	B-5		
IC1	H-2	Q204	B-6	TP201	B-5		
IC101	A-6	Q205	B-3	TP301	D-6		
IC102	B-5	Q206	A-7	TP302	D-7		
IC103	C-2	Q207	A-3	TP401	E-6		
IC201	A-6	Q501	E-1	TP402	B-7		
IC202	A-5	Q502	C-3	TP505	D-2		
IC203	C-3	Q503	D-1	TP506	E-6		
IC301	B-6	Q504	D-8	TP607	F-8		
IC302	C-3	Q505	D-2	TP608	C-3		
IC303	D-8	Q510	F-2	TP609	F-8		
IC401	C-6	Q511	F-1	TP510	E-1		
IC403	D-6	Q512	F-1	TP511	F-2		
IC501	E-6	Q701	B-1	TP512	G-4		
IC502	E-6	Q702	D-3				
IC503	H-4						
IC504	F-2						

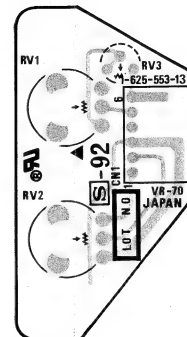


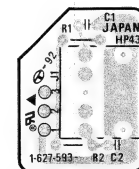
TC-48A/48AP -COMPONE
1-625-545-21
BVW-200
BVW-200P
BVW-300
BVW-300P

LEVEL CONTROL,MONITOR,SW,INDICATOR



TC-48A/48AP -COMPONENT SIDE-

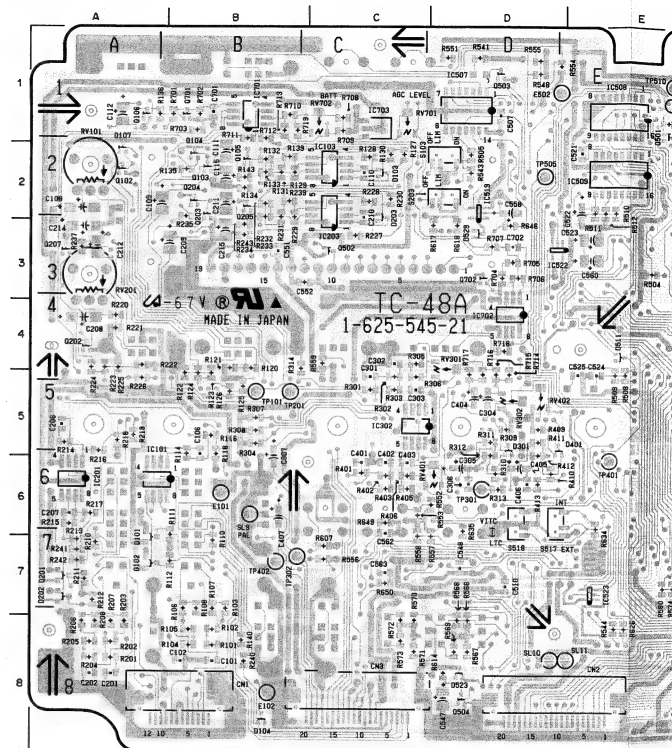
1-625-545-21
BVW-200
BVW-200P
BVW-300
BVW-300P

VR-70
-COMPONENT SIDE-

1-625-553-13
BVW-200
BVW-200P
BVW-300
BVW-300P

HP-43
-COMPONENT SIDE-

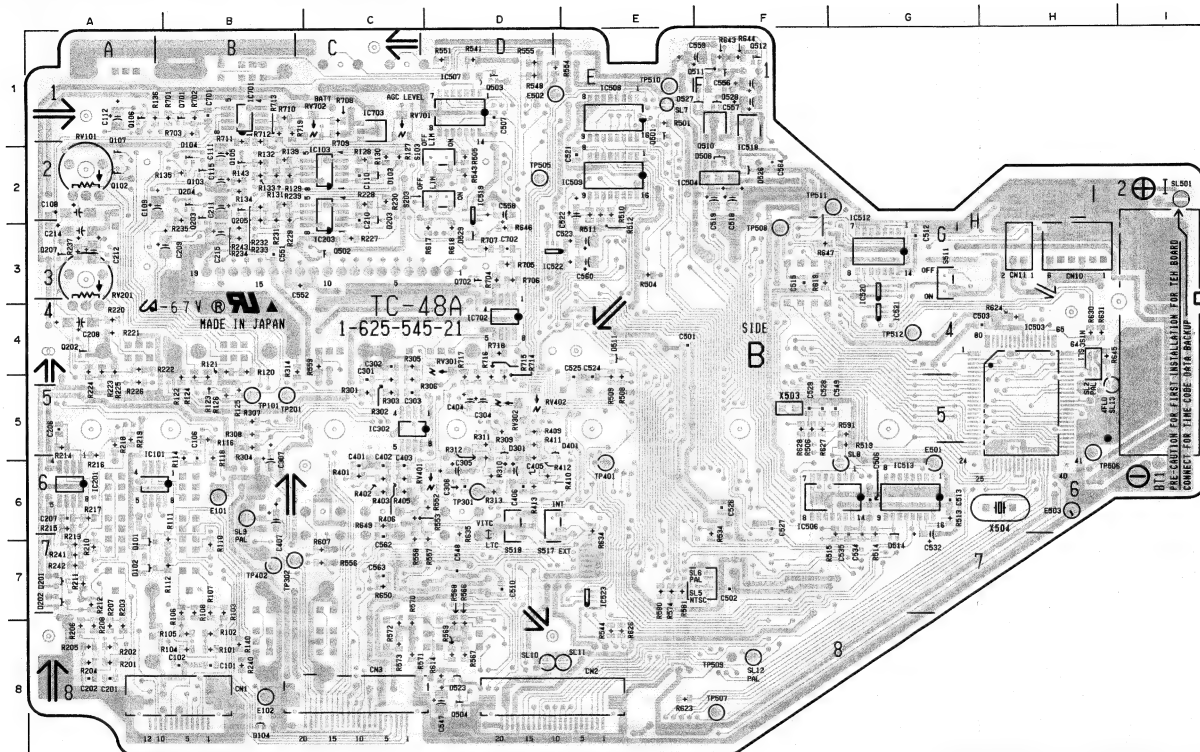
1-627-593-12
BVW-200
BVW-200P
BVW-300
BVW-300P

TC-48AP; TIME CODE, LEVEL CONTROL, MONITOR, SW, INDICATOR

CN1	B-8	IC505	E-1	RV101	A-1	X501	E-4
CN2	E-8	IC506	F-6	RV201	A-3	X502	F-6
CN3	C-8	IC507	D-1	RV301	D-4	X503	F-5
CN10	I-3	IC508	E-1	RV302	D-5	X504	H-6
CN11	H-3	IC509	E-2	RV401	C-6		
		IC510	D-7	RV402	D-5		
D101	A-7	IC511	G-5	RV701	C-1		
D102	A-7	IC512	G-3	RV702	C-1		
D103	C-2	IC513	G-6				
D104	B-8	IC514	H-3	S101	B-7		
D201	A-7	IC515	F-4	S102	B-4		
D202	A-7	IC516	D-4	S103	C-2		
D203	C-3	IC517	D-7	S201	A-7		
D301	D-5	IC518	F-1	S202	A-4		
D401	E-5	IC519	D-2	S203	C-2		
D508	F-2	IC520	G-3	S501	B-1		
D511	E-4	IC521	G-4	S502	C-7		
D514	G-7	IC522	E-3	S503	C-1		
D515	G-6	IC523	E-7	S504	D-8		
D522	D-1	IC701	B-1	S505	C-6		
D523	D-8	IC702	D-4	S506	C-1		
D524	C-8	IC703	C-1	S507	B-6		
D525	C-8			S508	B-7		
D526	F-2	PH1	A-3	S509	C-4		
D527	E-1			S510	A-7		
D528	F-1	Q101	B-8	S511	G-3		
D529	D-3	Q102	A-2	S513	C-6		
D530	H-2	Q103	B-2	S514	A-1		
		Q104	B-2	S515	D-8		
E101	B-6	Q105	B-2	S516	C-8		
E102	B-8	Q106	A-1	S517	D-7		
E501	G-6	Q107	A-1	S518	D-7		
E502	D-1	Q201	B-8	S701	D-4		
E503	H-6	Q202	A-4				
		Q203	B-2	TP101	B-5		
IC1	H-2	Q204	B-2	TP201	B-5		
IC101	A-6	Q205	B-3	TP301	D-6		
IC102	B-5	Q206	A-4	TP302	B-7		
IC103	C-2	Q207	A-3	TP401	E-6		
IC201	A-6	Q501	E-1	TP402	B-7		
IC202	A-5	Q502	C-3	TP505	D-2		
IC203	C-3	Q503	D-1	TP506	I-6		
IC301	B-6	Q504	D-8	TP607	F-8		
IC302	C-5	Q509	F-8	TP608	F-3		
IC303	D-6	Q510	F-2	TP609	F-8		
IC401	C-6	Q511	F-1	TP510	E-1		
IC403	D-6	Q512	F-1	TP511	F-2		
IC501	E-6	Q701	B-1	TP512	G-4		
IC502	E-6	Q702	D-3				
IC503	H-4						
IC504	F-2						



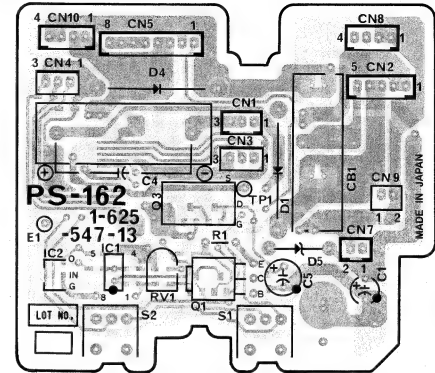
TC-48AP; TIME CODE, LEVEL CONTROL, MONITOR, SW, INDICATOR



TC-48A/48AP -SOLDERING SIDE-

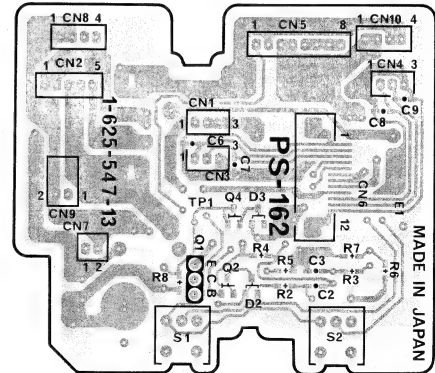
1-625-545-21
BVW-200
BVW-200P
BVW-300
BVW-300P

PS-162;POWER DISTRIBUTOR



PS-162 -COMPONENT SIDE-

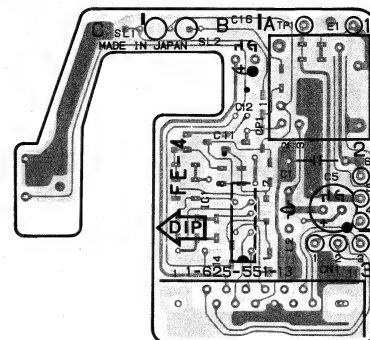
1-625-547-13
BVW-200 BVW-300
BVW-200P BVW-300P



PS-162 -SOLDERING SIDE-

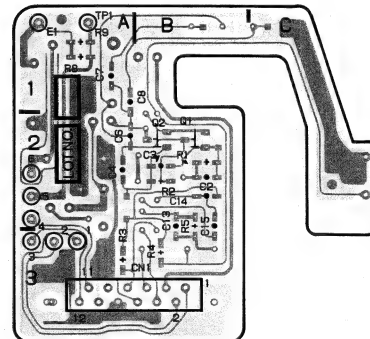
1-625-547-13
BVW-200 BVW-300
BVW-200P BVW-300P

FE-4; FULL ERASE
LD-21; LOADING
SR-40; MECHANICAL POSITION SENSOR



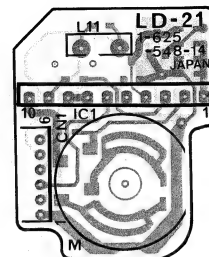
FE-4 -COMPONENT SIDE-

1-625-551-13
BVW-200
BVW-200P
BVW-300
BVW-300P



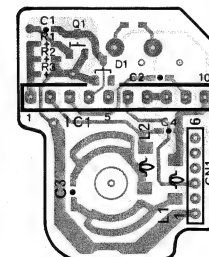
FE-4 -SOLDERING SIDE-

1-625-551-13
BVW-200
BVW-200P
BVW-300
BVW-300P



LD-21
-COMPONENT SIDE-

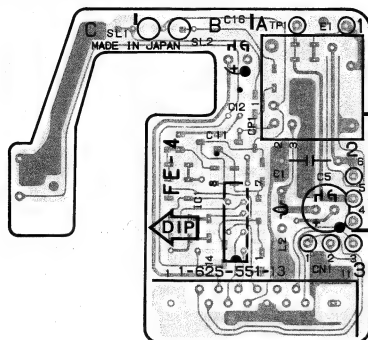
1-625-548-14
BVW-200
BVW-200P
BVW-300
BVW-300P



LD-21
-SOLDERING SIDE-

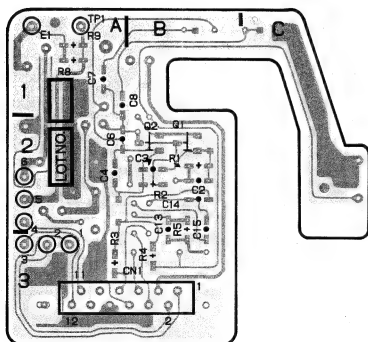
1-625-548-14
BVW-200
BVW-200P
BVW-300
BVW-300P

FE-4;FULL ERASE
LD-21;LOADING
SR-40;MECHANICAL POSITION SENSOR



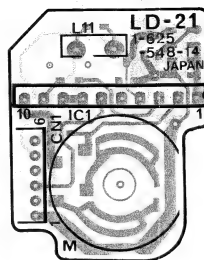
FE-4 -COMPONENT SIDE-

1-625-551-13
BVW-200
BVW-200P
BVW-300
BVW-300P



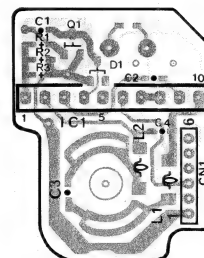
FE-4 -SOLDERING SIDE-

1-625-551-13
BVW-200
BVW-200P
BVW-300
BVW-300P



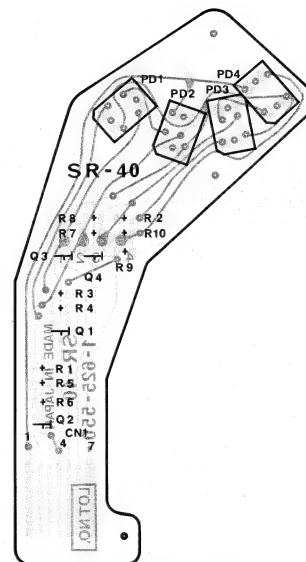
LD-21 -COMPONENT SIDE-

1-625-548-14
BVW-200
BVW-200P
BVW-300
BVW-300P



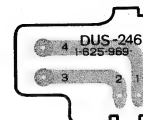
LD-21 -SOLDERING SIDE-

1-625-548-14
BVW-200
BVW-200P
BVW-300
BVW-300P



SR-40 -COMPONENT SIDE-

1-625-550-13
BVW-200
BVW-200P
BVW-300
BVW-300P

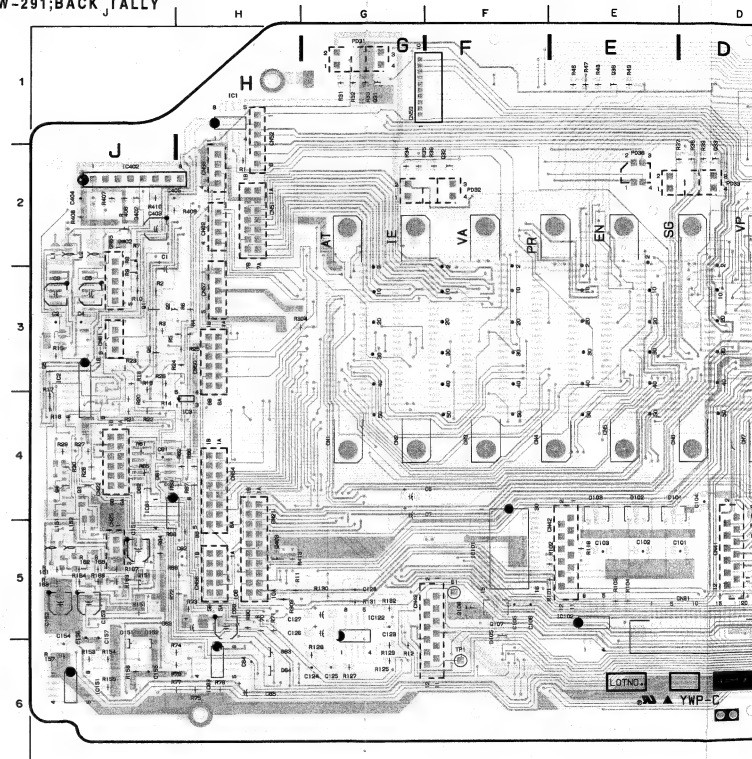


DUS-246 -COMPONENT SIDE-

1-625-550-13
BVW-200
BVW-200P
BVW-300
BVW-300P

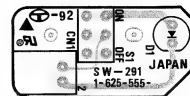
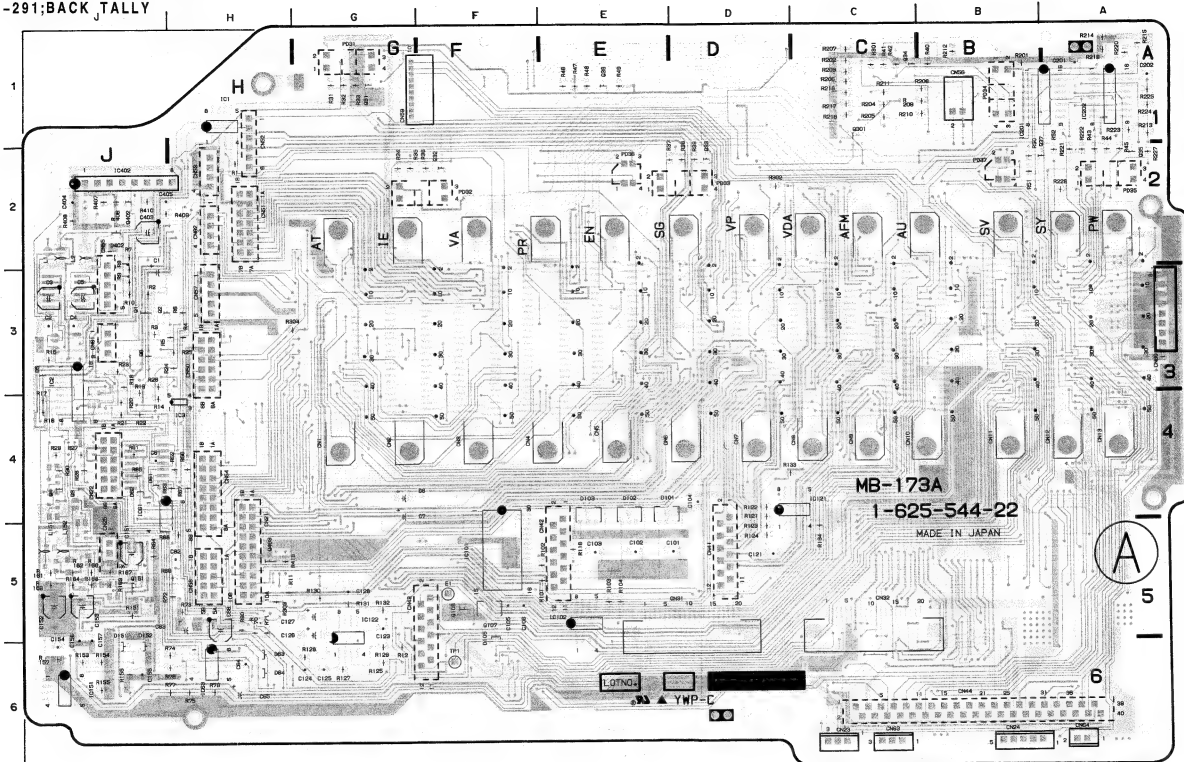
MB-173AP;MOTHER BOARD
SW-291;BACK_TALLY

CN1	G-4	D402	J-2	Q405	J-4
CN2	G-4				
CN3	F-4	E1	F-5	TP1	F-6
CN4	F-4				
CN5	E-4	IC1	H-1		
CN6	E-4	IC2	J-3		
CN7	D-4	IC3	H-4		
CN8	C-4	IC61	J-4		
CN9	C-4	IC62	J-4		
CN10	C-4	IC63	H-6		
CN11	B-4	IC101	F-5		
CN12	A-4	IC102	E-5		
CN13	A-4	IC121	C-4		
CN21	H-5	IC122	G-5		
CN22	J-4	IC151	J-6		
CN23	C-6	IC201	B-1		
CN24	B-6	IC202	A-1		
CN25	J-4	IC401	J-5		
CN31	D-5	IC402	J-2		
CN32	C-5	IC403	J-3		
CN41	D-5	IC404	J-3		
CN42	E-5				
CN43	F-5	PD31	G-1		
CN44	B-6	PD32	F-2		
CN50	H-3	PD33	D-2		
CN51	H-2	PD34	B-1		
CN52	H-1	PD35	A-2		
CN53	H-2	PD36	E-2		
CN54	H-4	PD37	B-2		
CN55	J-3				
CN56	B-1	Q1	J-3		
CN57	H-3	Q2	J-3		
CN58	H-5	Q3	J-4		
CN59	G-1	Q4	J-4		
CN60	A-3	Q5	J-3		
CN61	J-3	Q6	J-3		
CN62	H-2	Q31	G-1		
CN63	C-6	Q32	F-2		
CN64	A-6	Q33	D-2		
		Q34	C-1		
D61	J-4	Q35	A-2		
D62	J-4	Q36	E-1		
D63	H-6	Q37	B-1		
D64	H-6	Q107	F-5		
D101	E-4	Q108	F-5		
D102	E-4	Q151	J-5		
D103	E-4	Q301	C-1		
D105	F-5	Q401	J-6		
D151	J-5	Q402	J-2		
D152	J-5	Q403	H-5		
D401	J-5	Q404	J-4		



MB-173AP;MOTHER BOARD
SW-291;BACK TALLY

405 J-4
P1 F-6

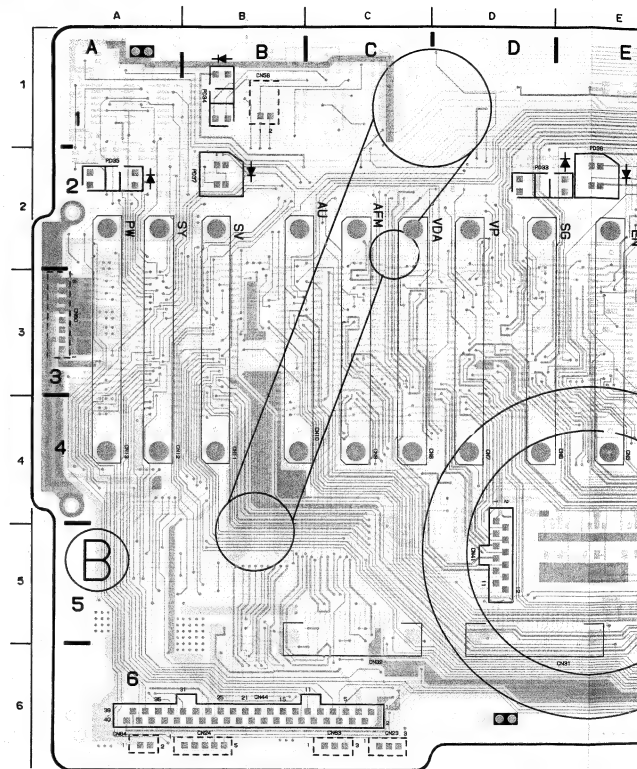


SW-291
-COMPONENT SIDE-
1-625-555-13
BVW-200
BVW-200P
BVW-300
BVW-300P

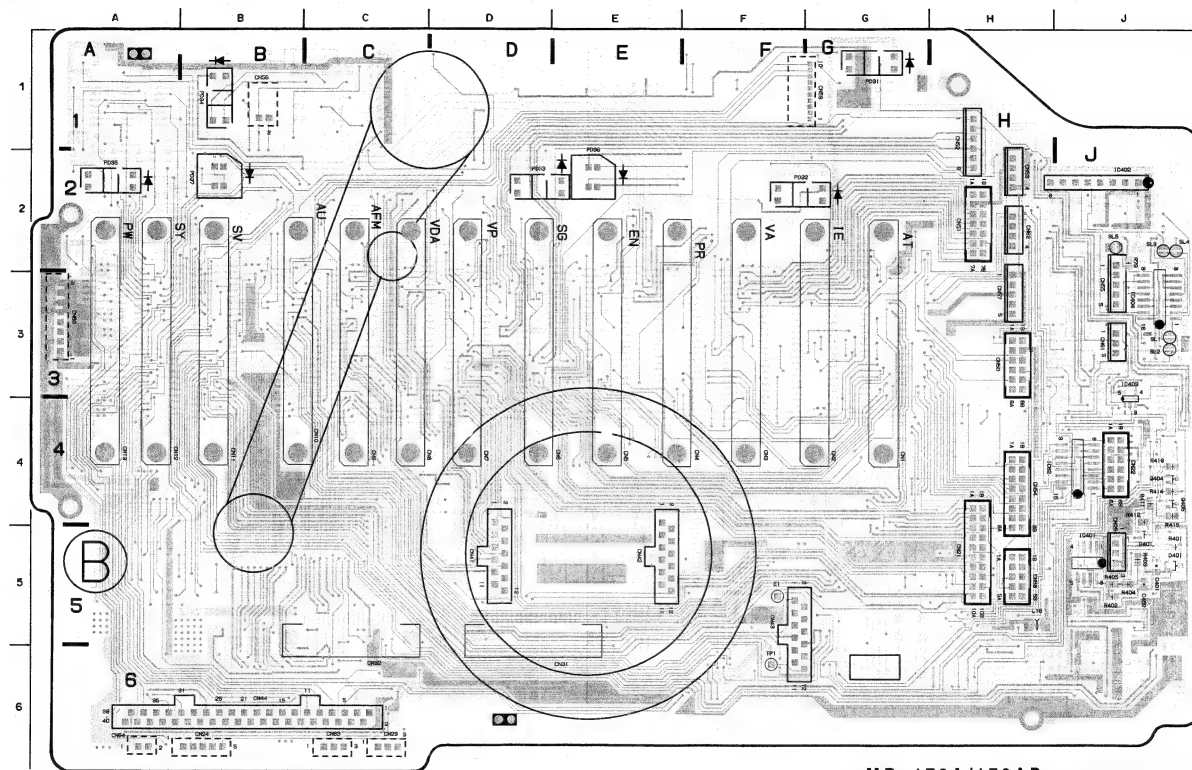
MB-173A/173AP -COMPONENT SIDE-
1-625-544-22
BVW-200
BVW-200P
BVW-300
BVW-300P

MB-173AP;MOTHER BOARD

CN1	G-4	D402	J-2	Q405	J-4
CN2	G-4				
CN3	F-4	E1	F-5	TP1	F-6
CN4	F-4				
CN5	E-4	IC1	H-1		
CN6	E-4	IC2	J-3		
CN7	D-4	IC3	H-4		
CN8	C-4	IC61	J-4		
CN9	C-4	IC62	J-4		
CN10	C-4	IC63	H-6		
CN11	B-4	IC101	F-5		
CN12	A-4	IC102	E-5		
CN13	A-4	IC121	C-4		
CN21	H-5	IC122	G-5		
CN22	J-4	IC151	J-6		
CN23	C-6	IC201	B-1		
CN24	B-6	IC202	A-1		
CN25	J-4	IC401	J-5		
CN31	D-5	IC402	J-2		
CN32	C-5	IC403	J-3		
CN41	D-5	IC404	J-3		
CN42	E-5				
CN43	F-5	PD31	G-1		
CN44	B-6	PD32	F-2		
CN50	H-3	PD33	D-2		
CN51	H-2	PD34	B-1		
CN52	H-1	PD35	A-2		
CN53	H-2	PD36	E-2		
CN54	H-4	PD37	B-2		
CN55	J-3				
CN56	B-1	Q1	J-3		
CN57	H-3	Q2	J-3		
CN58	H-5	Q3	J-4		
CN59	G-1	Q4	J-4		
CN60	A-3	Q5	J-3		
CN61	J-3	Q6	J-3		
CN62	H-2	Q31	G-1		
CN63	C-6	Q32	F-2		
CN64	A-6	Q33	D-2		
		Q34	C-1		
D61	J-4	Q35	A-2		
D62	J-4	Q36	E-1		
D63	H-6	Q37	B-1		
D64	H-6	Q107	F-5		
D101	E-4	Q108	F-5		
D102	E-4	Q151	J-5		
D103	E-4	Q301	C-1		
D105	F-5	Q401	J-5		
D151	J-5	Q402	J-2		
D152	J-5	Q403	H-5		
D401	J-5	Q404	J-4		



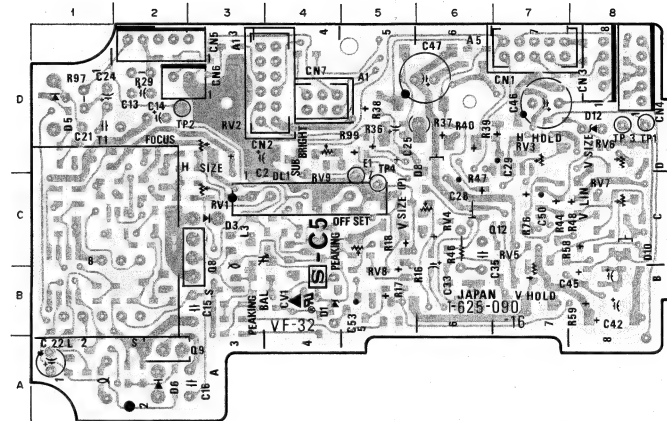
MB-173AP;MOTHER BOARD



MB-173A/173AP -SOLDERING SIDE-
 1-625-544-22
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

VF-32;VIEWFINDER

S/N:40784 through 40853

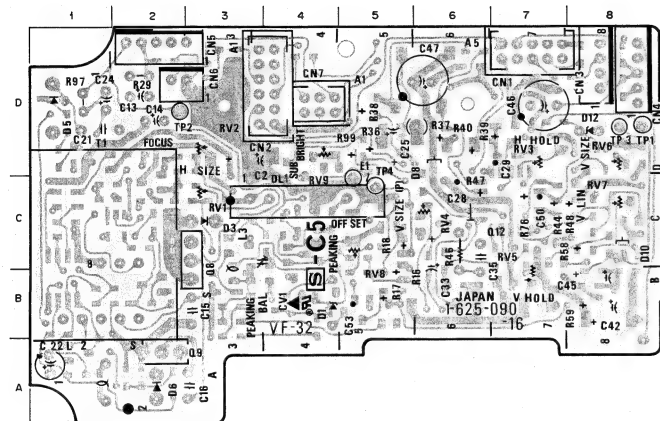


VF-32 -COMPONENT SIDE-

1-625-095-18
BVW-200
BVW-200P
BVW-200
BVW-300P

VF-32;VIEWFINDER

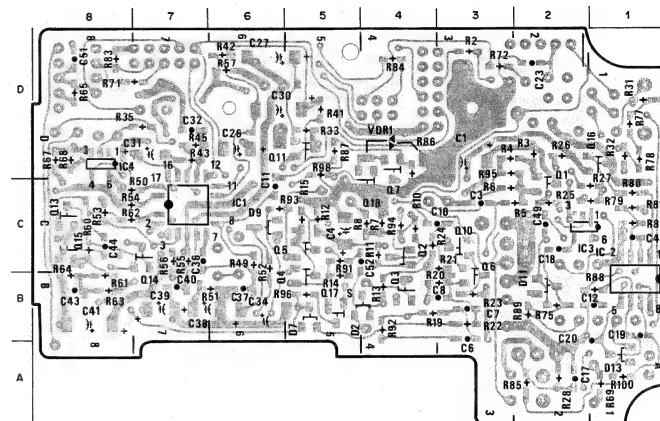
S/N:40784 through 40853



VF-32 -COMPONENT SIDE-

1-625-095-16
BVW-200
BVW-200P
BVW-300
BVW-300P

12-140(a)



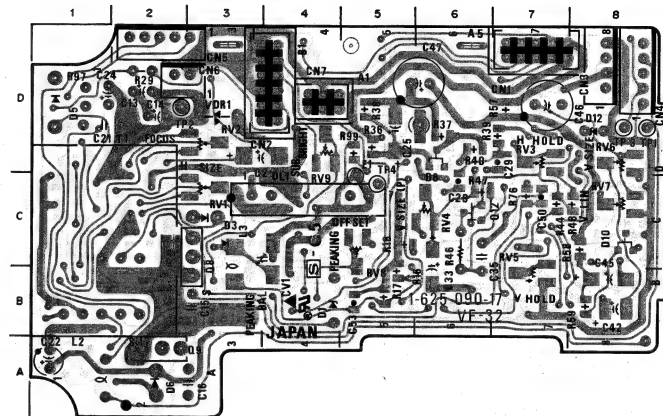
VF-32 -SOLDERING SIDE-

1-625-095-16
BVW-200
BVW-200P
BVW-300
BVW-300P

12-141(a)

VF-32;VIEWFINDER

S/N:40854 and higher

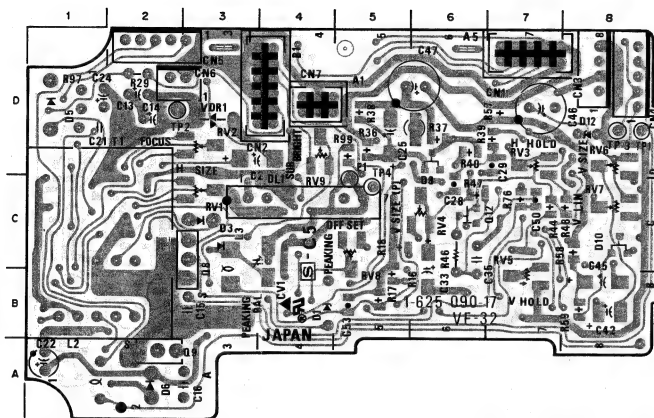


VF-32 -COMPONENT SIDE-

1-625-090-17
 BVW-200
 BVW-200P
 BVW-300
 BVW-300P

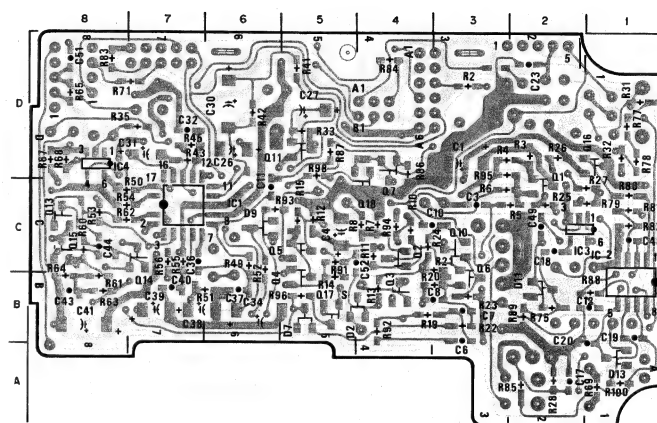
VF-32;VIEWFINDER

S/N;40854 and higher



VF-32 -COMPONENT SIDE-

1-625-090-17
BVW-200
BVW-200P
BVW-300
BVW-300P



VF-32 -SOLDERING SIDE-

1-625-090-17
BVW-200
BVW-200P
BVW-300
BVW-300P

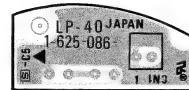
LP-40,LP-42
SW-260,VR-67

VIEWFINDER VIEWFINDER

LP-40,LP-42
SW-260,VR-67

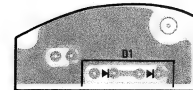
LP-40;BATT/TALLY LED
LP-42;FRONT TALLY LED
SW-260;SWITCH BOARD
VR-67;VOLUME CONTROL

S/N;40784 through 40853



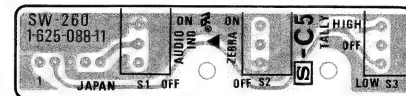
LP-40
-COMPONENT SIDE-

1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P



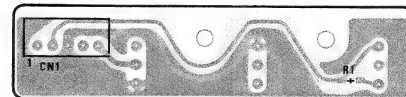
LP-40
-SOLDERING SIDE-

1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -COMPONENT SIDE-

1-625-088-11
BVW-200
BVW-200P
BVW-300
BVW-300P

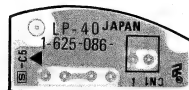


SW-260 -SOLDERING SIDE-

1-625-088-11
BVW-200
BVW-200P
BVW-300
BVW-300P

LP-40;BATT/TALLY LED
LP-42;FRONT TALLY LED
SW-260;SWITCH BOARD
VR-67;VOLUME CONTROL

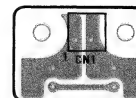
S/N;40784 through 40853



LP-40
-COMPONENT SIDE-
1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P



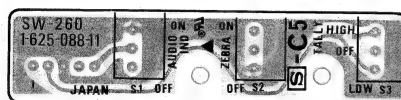
LP-40
-SOLDERING SIDE-
1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P



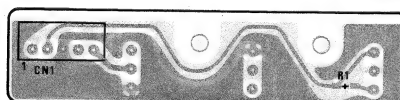
LP-42
-COMPONENT SIDE-
1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



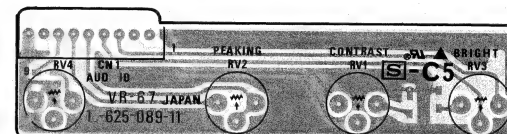
LP-42
-SOLDERING SIDE-
1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



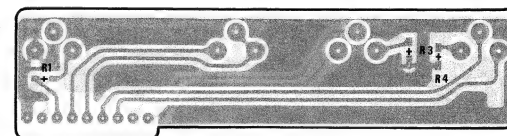
SW-260
-COMPONENT SIDE-
1-625-088-11
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260
-SOLDERING SIDE-
1-625-088-11
BVW-200
BVW-200P
BVW-300
BVW-300P



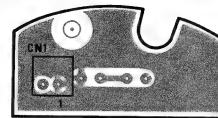
VR-67
-COMPONENT SIDE-
1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P



VR-67
-SOLDERING SIDE-
1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P

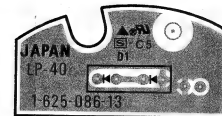
LP-40;REC LED
LP-42;FRONT TALLY LED
LP-58A;BATT/TALLY,VTR SAVE LED
SW-260;SWITCH BOARD
VR-67;VOLUME CONTROL

S/N;40854 through 40998



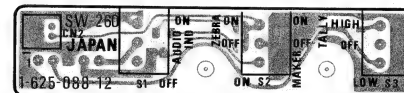
LP-40 -COMPONENT SIDE-

1-625-086-13
BVW-200
BVW-200P
BVW-300
BVW-300P



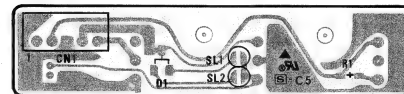
LP-40 -SOLDERING SIDE-

1-625-086-13
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -COMPONENT SIDE-

1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P

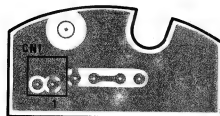


SW-260 -SOLDERING SIDE-

1-625-086-12
BVW-200
BVW-200P
BVW-300
BVW-300P

LP-40; REC LED
LP-42; FRONT TALLY LED
LP-58A; BATT/TALLY, VTR SAVE LED
SW-260; SWITCH BOARD
VR-67; VOLUME CONTROL

S/N: 40854 through 40998



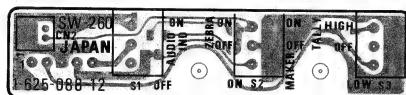
LP-40 -COMPONENT SIDE-

1-625-086-13
BVW-200
BVW-200P
BVW-300
BVW-300P



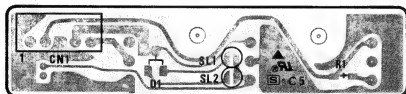
LP-40 -SOLDERING SIDE-

1-625-086-13
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -COMPONENT SIDE-

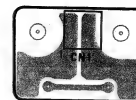
1-625-088-12
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -SOLDERING SIDE-

1-625-088-12
BVW-200
BVW-200P
BVW-300
BVW-300P

12-146(b)



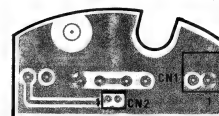
LP-42 -COMPONENT SIDE-

1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



LP-42 -SOLDERING SIDE-

1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



LP-58A -COMPONENT SIDE-

1-635-204-11
BVW-200
BVW-200P
BVW-300
BVW-300P



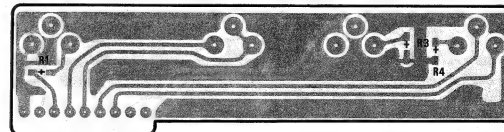
LP-58A -SOLDERING SIDE-

1-635-204-11
BVW-200
BVW-200P
BVW-300
BVW-300P



VR-67 -COMPONENT SIDE-

1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P



VR-67 -SOLDERING SIDE-

1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P

12-147(b)

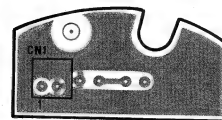
LP-40, LP-42, LP-58A
SW-260, VR-67

VIEWFINDER VIEWFINDER

LP-40, LP-42, LP-58A
SW-260, VR-67

LP-40; REC LED
LP-42; FRONT TALLY LED
LP-58A; BATT/TALLY, VTR SAVE LED
SW-260; SWITCH BOARD
VR-67; VOLUME CONTROL

S/N; 40999 and higher



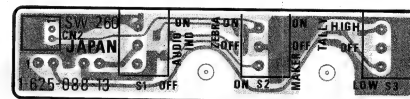
LP-40 -COMPONENT SIDE-

1-625-086-14
BVW-200
BVW-200P
BVW-300
BVW-300P



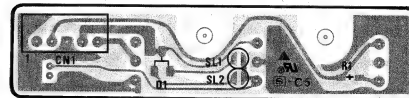
LP-40 -SOLDERING SIDE-

1-625-086-14
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -COMPONENT SIDE-

1-625-088-13
BVW-200
BVW-200P
BVW-300
BVW-300P

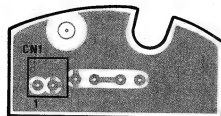


SW-260 -SOLDERING SIDE-

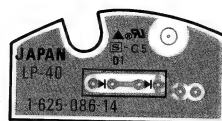
1-625-088-13
BVW-200
BVW-200P
BVW-300
BVW-300P

LP-40; REC LED
LP-42; FRONT TALLY LED
LP-58A; BATT/TALLY, VTR SAVE LED
SW-260; SWITCH BOARD
VR-67; VOLUME CONTROL

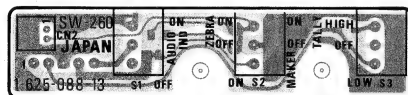
S/N: 40999 and higher



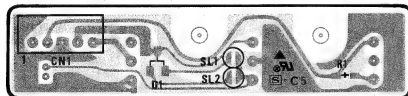
LP-40 -COMPONENT SIDE-
1-625-086-14
BVW-200
BVW-200P
BVW-300
BVW-300P



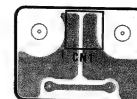
LP-40 -SOLDERING SIDE-
1-625-086-14
BVW-200
BVW-200P
BVW-300
BVW-300P



SW-260 -COMPONENT SIDE-
1-625-088-13
BVW-200
BVW-200P
BVW-300
BVW-300P



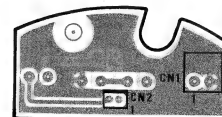
SW-260 -SOLDERING SIDE-
1-625-088-13
BVW-200
BVW-200P
BVW-300
BVW-300P



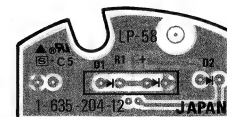
LP-42 -COMPONENT SIDE-
1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



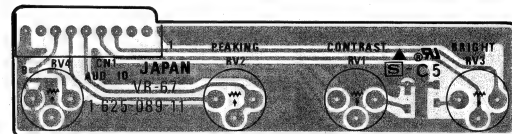
LP-42 -SOLDERING SIDE-
1-625-087-12
BVW-200
BVW-200P
BVW-300
BVW-300P



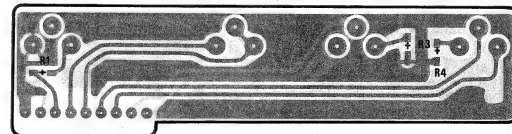
LP-58A -COMPONENT SIDE-
1-635-204-12
BVW-200
BVW-200P
BVW-300
BVW-300P



LP-58A -SOLDERING SIDE-
1-635-204-12
BVW-200
BVW-200P
BVW-300
BVW-300P



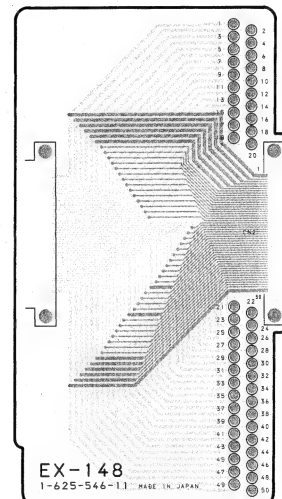
VR-67 -COMPONENT SIDE-
1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P



VR-67 -SOLDERING SIDE-
1-625-089-11
BVW-200
BVW-200P
BVW-300
BVW-300P

EX-148 EX-148

EX-148;EXTENSION BOARD



EX-148 -COMPONENT SIDE-


1-625-546-11
BVW-200
BVW-200P
BVW-300
BVW-300P

SECTION 13

SPARE PARTS AND FIXTURE

13-1. PARTS INFORMATION

(1)

The shaded and -marked components are critical to safety.

Replace only with same components as specified.

- (2) Replacement Parts supplied from the Sony Parts Center will sometimes have a different shape from the original parts. This is due to "improved parts and/or engineering changes" or "standardization of genuine parts".

This manual's exploded views and electrical spare parts list indicate the part numbers of "the standardized genuine parts at the present". Regarding engineering part changes by the engineering department, refer to Sony service bulletins and service manual supplements.

- (3) The parts marked with "s" in the SP column of the exploded views and electrical spare parts lists are normally stocked for replacement purposes. The parts marked with "o" in the SP column are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.
- (4) Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- (5) (T) after a spring description is shown on the exploded views in order to indicate the number of spring turns required for the use. (Example) Spring, tension (24T); This spring must be cut at its 24th turn for actual use.

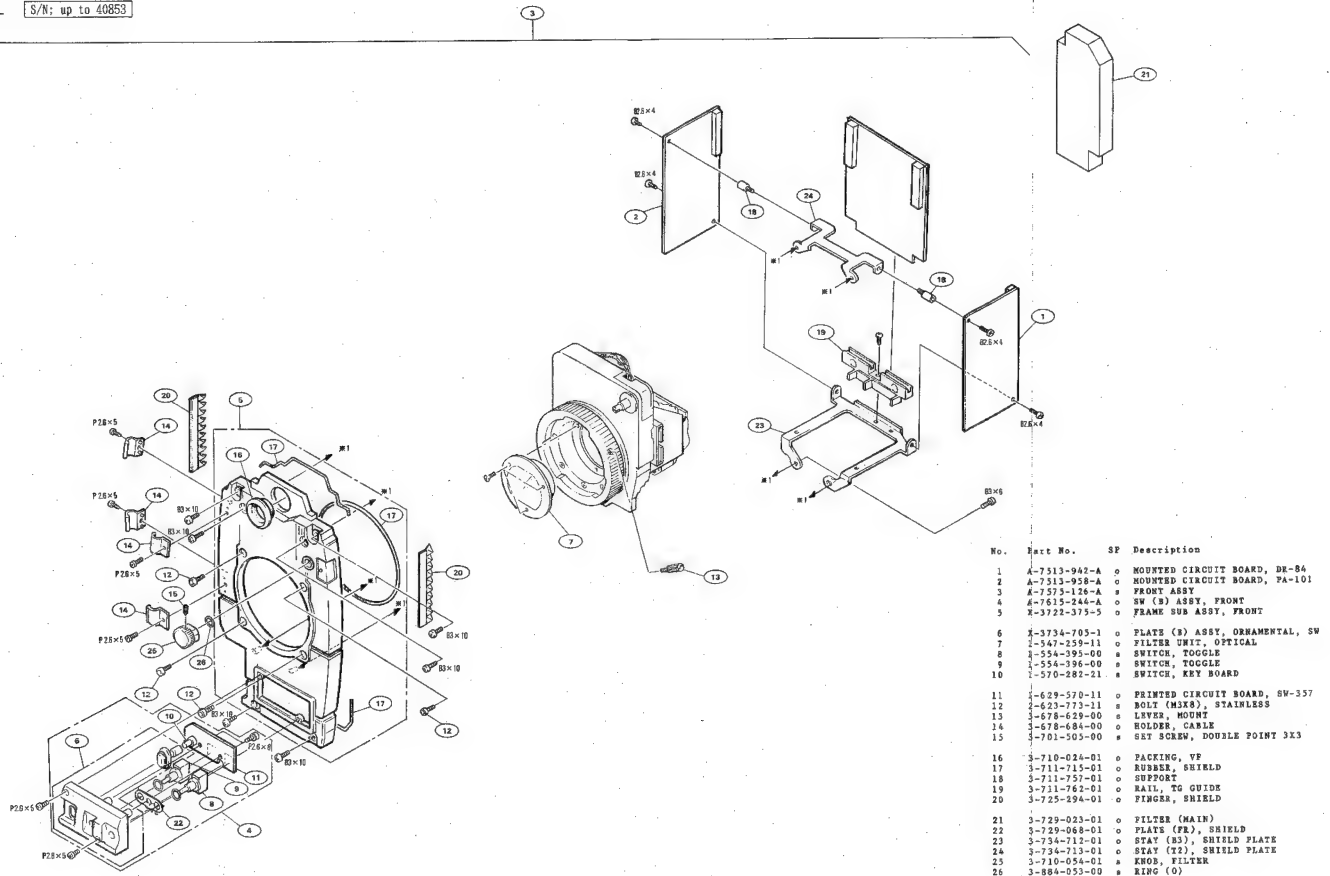
13-2. EXPLODED VIEW

• Exploded views are composed of the following blocks.

- (1) Front Panel
- (2) Reel Chassis (1)
- (3) Reel Chassis (2)
- (4) Slant
- (5) Drum
- (6) Loading Gear, Cam Gear
- (7) Pinch Press Mechanism
- (8) CTL Head Base
- (9) A/T Head Base
- (10) Cassette-up Compartment
- (11) Printed Circuit Board
- (12) Top Frame
- (13) Bottom Frame
- (14) Rear Frame
- (15) Right Side Plate
- (16) VF (1)
- (17) VF (2)
- (18) Battery Case
- (19) Tripod

FRONT PANEL FRONT PANEL

FRONT PANEL S/N: up to 40853



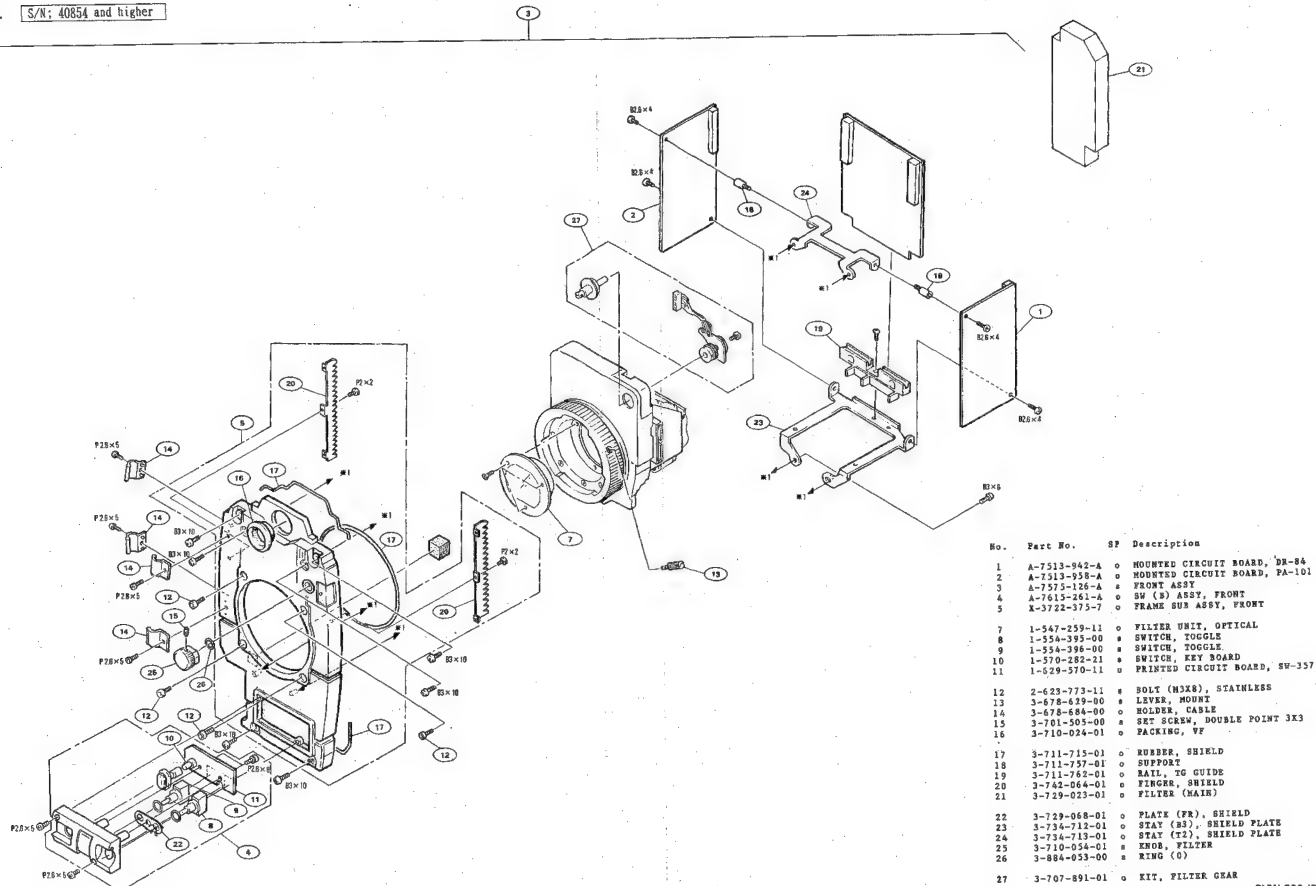
BVW-300 (2)
BVW-300P (2)

13-3(a)

13:4 (a)

FRONT PANEL FRONT PANEL

FRONT PANEL S/N: 40854 and higher



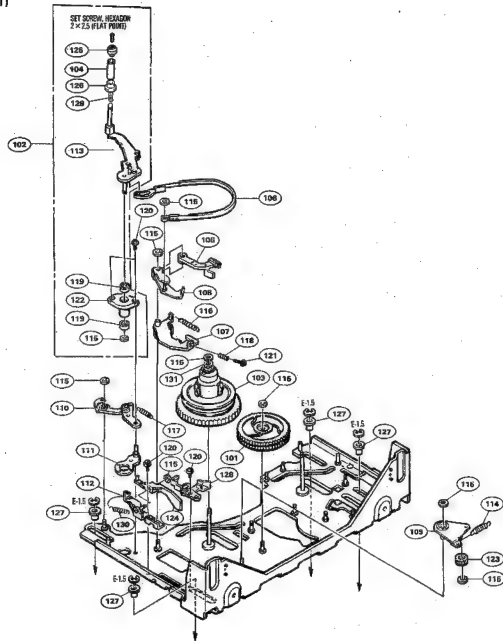
13-3 (b)

13-4 (b)

BVV-300 (2)
BVV-300P (3)

REEL CHASSIS (1) REEL CHASSIS (2)

REEL CHASSIS (1)

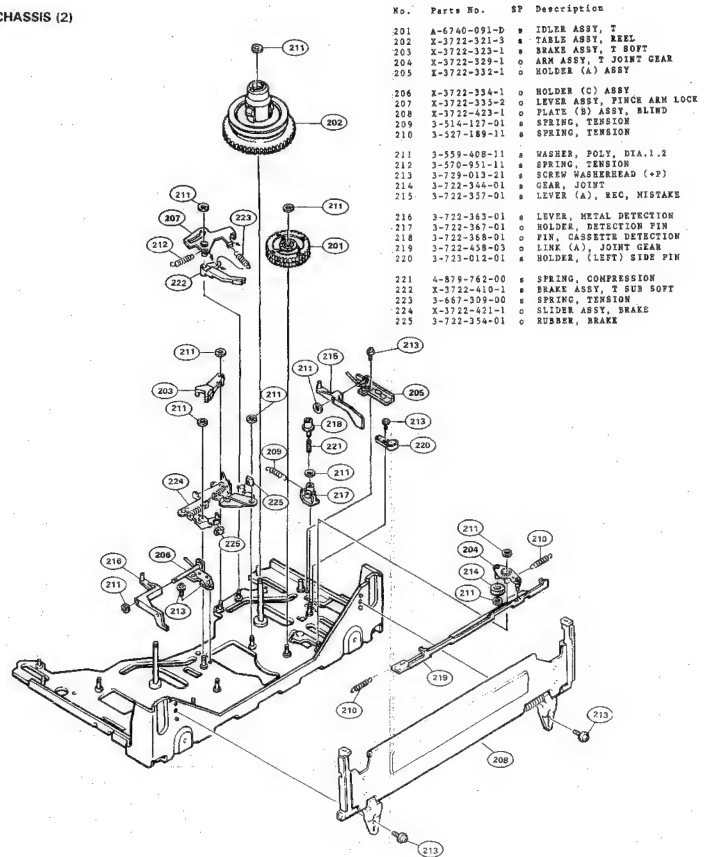


No.	Part No.	SP	Description
101	A-6740-091-D	•	IDLER ASST, T
102	A-6742-067-G	•	TENSION REGULATOR ASSY
103	X-3722-321-3	•	TABLE ASST, REEL
104	X-3722-322-1	•	ROLLER ASST, POM
105	X-3722-324-3	•	BRAKE ASST, S SOFT
106	X-3722-325-2	•	BAND ASSY, TENSION REGULATOR
107	X-3722-326-2	•	LEVER (A) ASSY, SUPPORT LEVER
108	X-3722-327-3	•	SUPPORT (B) ASSY, BAND
109	X-3722-328-1	•	ARM ASSY, S JOINT GEAR
110	X-3722-330-1	•	HOOK ASSY, SPRING
111	X-3722-331-1	•	DRIVING ASSY, TENSION REGULATOR
112	X-3722-333-3	•	HOLDER (B) ASSY
113	X-3722-331-4	•	ARM ASSY, TENSION REGULATOR
114	3-527-189-11	•	SPRING, TENSION
115	3-559-408-11	•	WASHER, POLY, DIA.1.2

No.	Part No.	SP	Description
116	3-567-028-11	•	SPRING, TENSION
117	3-489-310-XX	•	SPRING, TENSION (18T)
118	3-573-150-00	•	SPRING, COMPRESSION
119	3-630-312-00	•	BEARING BALL
120	3-729-013-21	•	SCREW WASHERHEAD (+P)
121	3-703-502-71	•	SCREW
122	3-722-325-02	•	RODS, ARM SHARING
123	3-722-344-01	•	GEAR, JOINT
124	3-722-356-01	•	LEVER (B), REC, MISTAKE
125	3-729-079-02	•	FLANGE, UPPER, TENSION REGULATOR
126	3-729-026-04	•	FLANGE (B), LOWER
127	3-723-007-01	•	ROLLER, LS
128	3-723-011-03	•	HOLDER (RIGHT), SLIDE PIN
129	3-723-011-01	•	SPRING, COMPRESSION
130	3-527-025-02	•	SPRING, TENSION
131	3-701-437-21	•	WASHER, POLY 2MM DIA., Ø.50T

BVW-200 (3)
BVW-200P (3)
BVW-300 (2)
BVW-300P (2)

REEL CHASSIS (2)

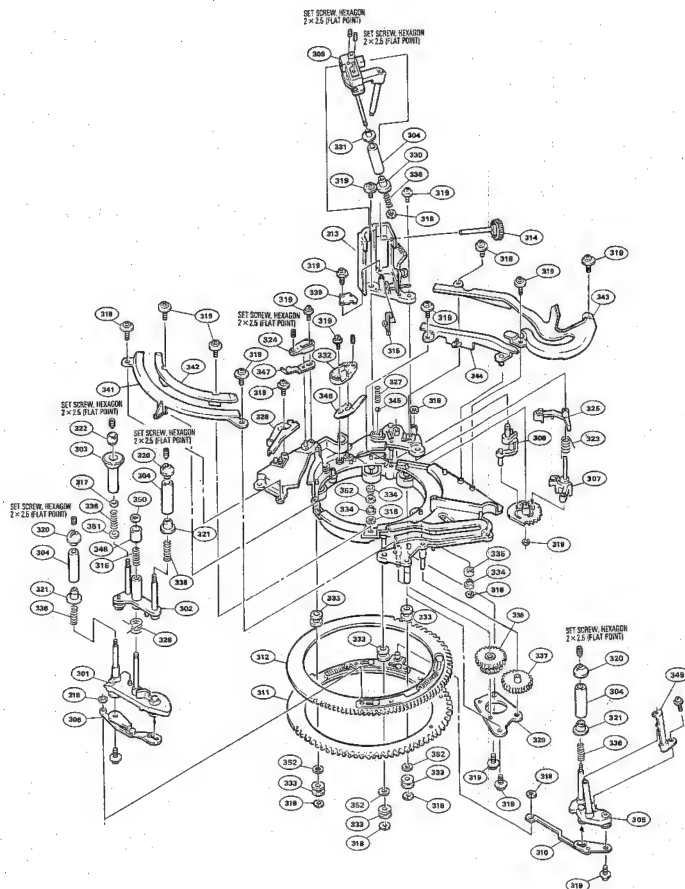


No.	Part No.	SP	Description
201	A-6740-091-D	•	IDLER ASST, T
202	X-3722-321-3	•	TABLE ASST, REEL
203	X-3722-323-1	•	BRAKE ASST, T SOFT
204	X-3722-329-1	•	ARM ASSY, T JOINT GEAR
205	X-3722-335-1	•	HOLDER (A) ASSY
206	3-3722-334-1	•	HOLDER (C) ASSY
207	X-3722-333-2	•	LEVER ASSY, FINGER ARM LOCK
208	X-3722-423-1	•	PLATE (B) ASSY, BLIND
209	3-514-127-01	•	SPRING, TENSION
210	3-527-189-11	•	SPRING, TENSION
211	3-559-408-11	•	WASHER, POLY, DIA.1.2
212	3-570-951-11	•	SPRING, TENSION
213	3-729-013-21	•	SCREW WASHERHEAD (+P)
214	3-722-344-01	•	GEAR, JOINT
215	3-722-337-01	•	LEVER (A), REC, MISTAKE
216	3-723-363-01	•	LEVER, METAL DETECTION
217	3-722-367-01	•	HOLDER, DETECTION PIN
218	3-723-368-01	•	PIN, CASSETTE DETECTION
219	3-723-458-03	•	LINK (A), JOINT GEAR
220	3-723-012-01	•	HOLDER, (LEFT) SIDE PIN
221	4-879-762-00	•	SPRING, COMPRESSION
222	X-3722-410-1	•	BRAKE ASST, T SUB SOFT
223	3-667-309-00	•	SPRING, TENSION
224	X-3722-421-1	•	SLIDER ASST, BRAKE
225	3-722-354-01	•	RUBBER, BRAKE

BVW-200 (2)
BVW-200P (3)
BVW-300 (1)
BVW-300P (1)

SLANT

SLANT SLANT

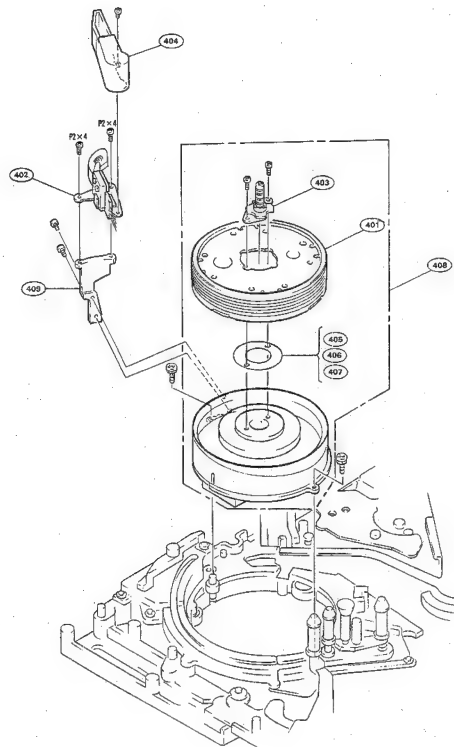


No.	Part No.	82 Description
301	X-3722-313-4	# BASE ASSY, S
302	X-3722-314-3	# BASE ASSY, S SUB
303	X-3722-315-2	# IR-2 ASSY
304	X-3722-319-1	# ROLLER ASSY
305	X-3722-355-3	# BASE ASSY, T
306	X-3722-382-1	# FULL ASSY, S
307	X-3722-383-2	# LINK ASSY, T SUB FIXED
308	X-3722-384-3	# LINK ASSY, T SUB ROTARY
309	X-3722-385-1	# BASE ASSY, T SUB
310	X-3722-386-2	# PLATE ASSY, FULL, T
311	X-3722-388-5	# RING (T) ASSY, LOADING
312	X-3722-389-3	# RING (S) ASSY, LOADING
313	X-3722-390-2	# TABLE ASSY, ROTARY, T SUB
314	X-3722-409-1	# SHAFT ASSY, MAIN, T SUB ROTARY
315	3-729-020-01	# PLATE, FIXED, T SUB
316	4-879-762-00	# SPRING, COMPRESSION
317	3-357-365-00	# WASHER, 1.4 DIA, SMALL
318	3-359-408-11	# WASHER, POLY, DIA 1.2
319	3-729-013-21	# SCREW WASHERHEAD (+P)
320	3-722-400-02	# FLANGE (C), UPPER
321	3-722-401-02	# FLANGE (A), LOWER
322	3-722-402-02	# NUT, IR
323	3-724-770-01	# SPRING
324	3-729-042-01	# PLATE, INDICATION, S
325	3-724-772-02	# ARM, T, S FIXED
326	3-724-775-02	# PLATE, OPEN, S
327	3-724-788-01	# SPRING, COMPRESSION
328	3-724-789-02	# SPRING
329	3-724-792-02	# REINFORCEMENT, GEAR
330	3-724-793-02	# FLANGE (A), ROLLER
331	3-724-794-01	# FLANGE (B), ROLLER
332	3-729-040-01	# PLATE, INDICATION, T
333	3-724-799-01	# FLANGE, RING
334	3-725-201-01	# ROLLER, RING
335	3-725-202-02	# ROLLER, SUB
336	3-729-011-01	# SPRING, COMPRESSION
337	3-725-203-01	# GEAR, S DRIVING MIDWAY
338	3-725-204-01	# GEAR, S DRIVING
339	3-725-205-01	# PLATE, ADJUSTMENT, T SUB
341	3-725-214-02	# RAIL (O), S
342	3-725-215-02	# RAIL (I), S
343	3-725-217-04	# RAIL (O), T
344	3-725-218-02	# RAIL (I), T
345	7-671-154-01	# STAINLESS BALL
346	3-729-041-01	# SPRING
347	3-729-043-01	# SPRING
348	3-657-842-01	# SPACER
349	3-729-071-01	# GITEE, TENSION
350	3-321-813-01	# WASHER, COTTER POLYETHYLENE
351	3-695-567-01	# WASHER, N SLIDER
352	3-701-436-01	# WASHER 1.6

BVW-200 (4)
 BVW-200P (4)
 BVW-300 (2)
 BVW-300P (2)

DRUM DRUM

DRUM

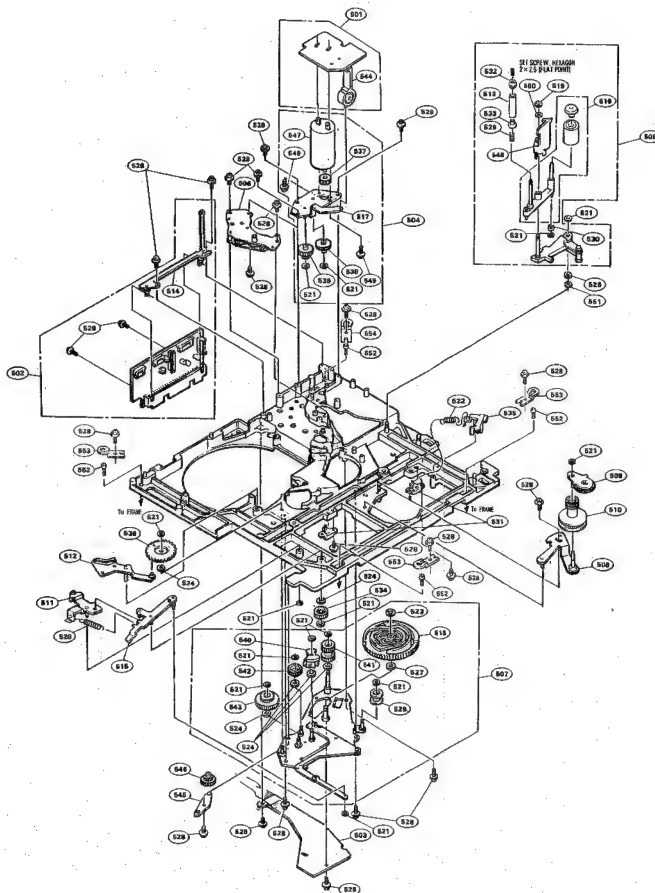


No.	Part No.	SP	Description
401	A-6762-418-A	•	UPPER DRUM ASSY DBR-15A-R
402	A-6050-620-A	•	BRUSH ASSY
403	A-6050-619-A	•	SLIP RING ASSY
404	3-717-148-01	o	COVER, BRUSH
405	3-717-150-01	•	SPACER, FLANGE (0.01T)
406	3-717-150-11	•	SPACER, FLANGE (0.03T)
407	3-717-150-21	•	SPACER, FLANGE (0.05T)
408	A-6050-673-A	•	HEAD DRUM ASSY DBR-15A-R
409	3-717-178-03	o	BRUSH, SUPPORT

LOADING GEAR, CAM GEAR

LOADING GEAR, CAM GEAR

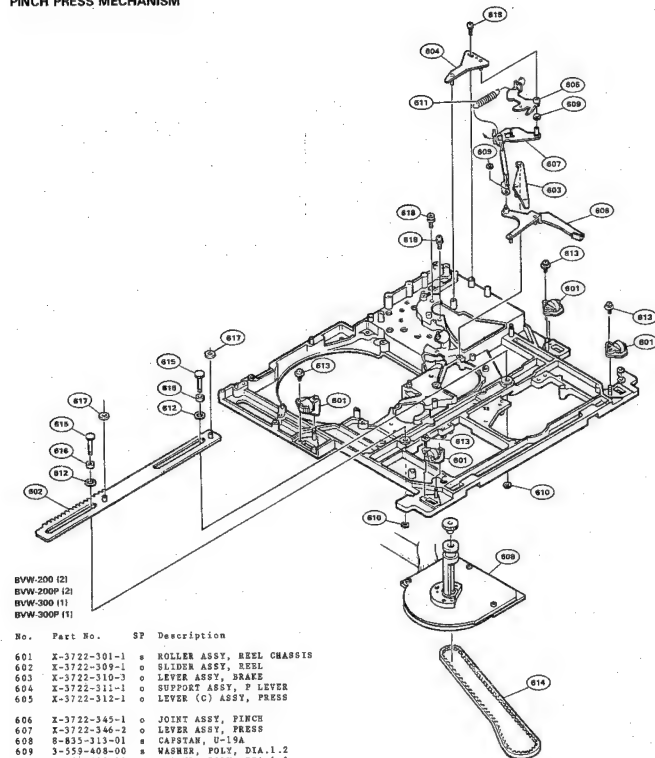
LOADING GEAR, CAM GEAR



No.	Part No.	SP	Description
501	A-6725-682-A	o	MOUNTED CIRCUIT BOARD, LD-21
502	A-6725-684-A	o	MOUNTED CIRCUIT BOARD, TH-5
503	A-6754-072-A	o	MOUNTED CIRCUIT BOARD, SR-40
504	A-6737-130-A	o	MOTOR ASSY, LOADING
505	A-6747-362-D	o	ARM ASSY, PINCH
506	A-6750-231-B	o	GEAR BLOCK ASSY
507	A-6750-233-B	o	GEAR SUB ASSY, CAM
508	X-3722-304-1	o	BASE ASSY
509	X-3722-306-3	o	GEAR ASSY
510	X-3722-307-1	o	FULLEY ASSY, MIDWAY
511	X-3722-308-1	o	LEVER ASSY, RELEASE, ST
512	X-3722-316-1	o	ARM ASSY, DRIVING
513	X-3722-319-1	o	HOLDER ASSY
514	X-3722-343-1	o	HOLDER (40P) ASSY, CONNECTOR
515	X-3722-357-1	o	LINK ASSY, EJECT
516	X-3722-363-1	o	PINCH ASSY, SUB
517	X-3722-364-1	o	BRACKET ASSY, MOTOR
518	X-3722-369-2	o	CAM ASSY, VERTICOR
519	3-321-813-01	o	WASHER, COTTER POLYETHYLENE
520	3-531-794-00	o	SPRING, TENSION
521	3-559-408-11	o	WASHER, POLYETHYLENE, DIA.1.2
522	3-668-508-00	o	SPRING, TENSION
523	3-669-595-00	o	WASHER, (2), STOPPER
524	3-701-436-11	o	WASHER, POLY 1.6 MM DIA., 0.25 T
525	3-729-011-01	o	SPRING, COMPRESSION
526	3-701-438-11	o	WASHER, POLY 2.5 MM DIA., 0.25 T
527	3-701-438-21	o	WASHER, POLY 2.5 MM DIA., 0.50 T
528	3-729-013-21	o	SCREW (M1.4x2.5), WASHER HEAD (+P)
529	3-722-369-01	o	FULLEY, IDLER
530	A-6722-382-01	o	ROLLER, PINCH ARM
531	3-722-390-01	o	HOOK, SPRING, SHUTTER
532	3-722-400-02	o	FLANGE (C), UPPER
533	3-722-401-02	o	FLANGE (A), LOWER
534	3-722-430-01	o	GEAR, JOINT
535	3-722-460-01	o	SHUTTER, CASSETTE DETECTION
536	3-723-010-01	o	GEAR, REEL SLIDER DRIVING
537	3-723-062-01	o	GEAR, (M0)
538	3-723-064-01	o	GEAR, (M1)
539	3-723-065-01	o	GEAR, (M2)
540	3-723-080-02	o	GEAR, CLUB
541	3-723-081-01	o	GEAR (T)
542	3-723-082-02	o	GEAR, T DRIVING MIDWAY
543	3-723-083-02	o	GEAR, ST DRIVING
544	3-723-091-01	o	HOLDER, TOP SENSOR
545	3-723-206-01	o	BRACKET, T GEAR
546	3-723-207-02	o	GEAR, T DRIVING
547	B-853-308-01	o	MOTOR, DC 1.818-3LWIE
548	3-729-046-02	o	GUARD, PINCH TAPE
549	3-729-076-01	o	SCREW (+B 2x3)
550	3-701-437-01	o	WASHER, POLY 2 MM DIA., 0.13 T
551	3-729-084-21	o	NUT (M2x5) HEXAGON HOLE
552	3-729-081-01	o	RETAINER (A), SCREW
553	3-729-082-01	o	RETAINER (B), SCREW

PINCH PRESS MECHANISM CTL HEAD BASE

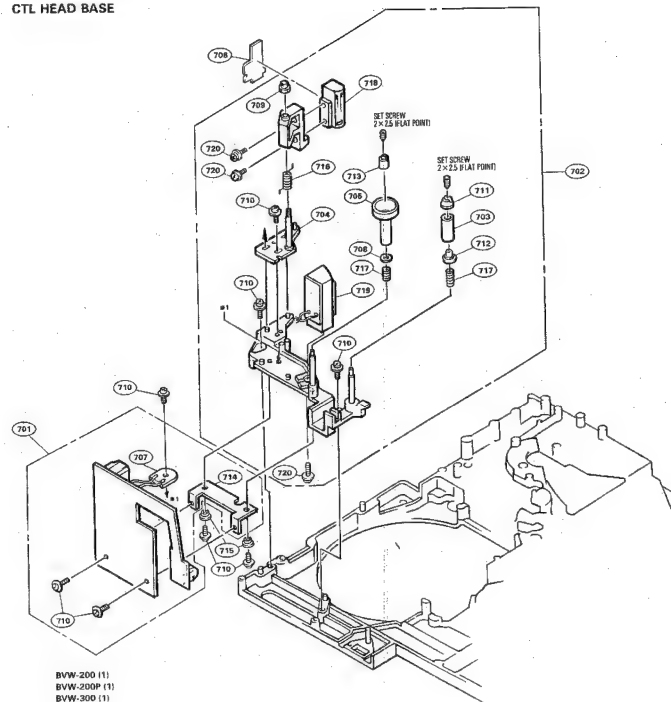
PINCH PRESS MECHANISM



BVW-200 (2)
BVW-200P (2)
BVW-300 (1)
BVW-300P (1)

No.	Part No.	SP	Description
601	X-3722-301-1	o	ROLLER ASSY, REEL CHASSIS
602	X-3722-309-1	o	SLIDER ASSY, REEL
603	X-3722-310-3	o	LEVER ASSY, BRAKE
604	X-3722-311-1	o	SUPPORT ASSY, P LEVER
605	X-3722-312-1	o	LEVER (C) ASSY, PRESS
606	X-3722-345-1	o	JOINT ASSY, PINCH
607	X-3722-346-2	o	LEVER ASSY, PRESS
608	8-835-313-01	s	CAPSTAN, U-19A
609	3-559-408-00	s	WASHER, POLY, DIA.1.2
610	3-559-408-11	s	WASHER, POLY, DIA.1.2
611	3-483-117-11	s	SPRING, TENSION
612	3-729-023-01	s	WASHER
613	3-729-013-21	s	SCREW WASHERHEAD (+P)
614	3-722-452-01	s	BELT, TIMING
615	3-753-008-01	s	RETAINER, ROLLER
616	3-723-009-01	s	ROLLER, SLIDER PLATE
617	3-701-439-21	s	WASHER, POLY SLIDER
618	3-729-012-01	s	SCREW (M2x5)

CTL HEAD BASE

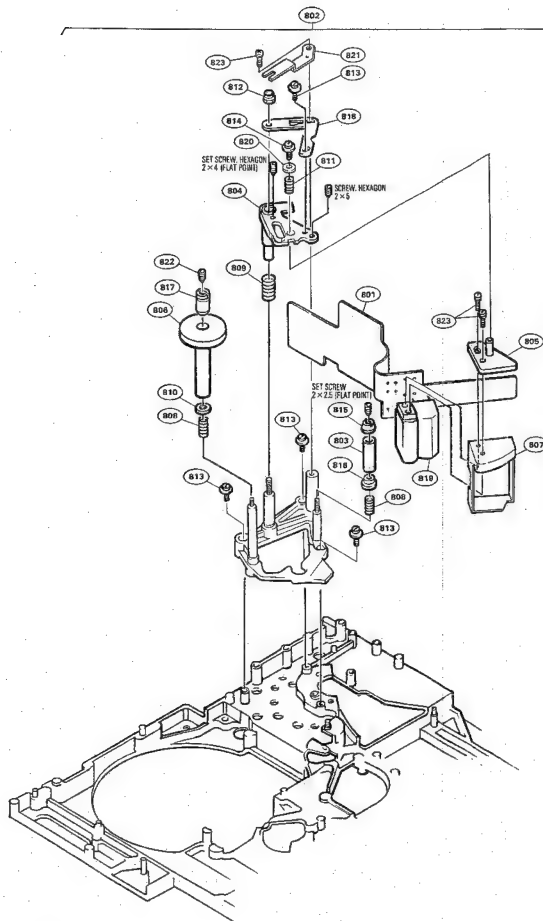


BVW-200 (1)
BVW-200P (1)
BVW-300 (1)
BVW-300P (1)

No.	Part No.	SP	Description	No.	Part No.	SP	Description
701	A-6725-603-A	o	MOUNTED CIRCUIT BOARD, FE-4	711	3-722-400-02	s	FLANGE (C), UPPER
702	A-6736-080-D	o	HEAD SUB ASSY, CTL	712	3-742-003-01	s	FLANGE (S), LOWER
703	X-3722-322-1	s	ROLLER ASSY	713	3-722-403-02	o	NUT, IR
704	X-3722-341-1	s	PLATE ASSY, HEAD, CTL	714	3-722-419-01	o	HOLDER, FE-4
705	X-3722-342-4	s	IR-1 ASSY	715	3-722-420-01	o	SPACER, FE-4 HOLDER
706	1-625-969-11	o	PRINTED CIRCUIT BOARD, BUS-246	716	3-723-092-02	s	SPRING
707	1-806-682-00	o	SENSOR, DSW CONDENSATION	717	3-729-011-01	s	SPRING, COMPRESSION
708	3-557-565-00	s	WASHER, 1.4 DIA, SMALL	718	8-825-560-40	s	HEAD, CTL (RS-253-21)
709	3-698-829-01	s	NUT (M2)	719	8-825-772-61	s	HEAD, ERASE EF291-21A
710	3-729-013-21	s	SCREW (R1.4x2.5), WASHERHEAD (+P)	720	3-729-012-01	s	SCREW (M2x5)

A/T HEAD BASE A/T HEAD BASE

A/T HEAD BASE



No.	Part No.	SP	Description
801	A-6713-349-A	o	MOUNTED CIRCUIT BOARD, FL-55P
802	A-6736-078-A	o	HEAD ASSY, A/T
803	X-3722-319-1	o	ROLLER ASSY
804	X-3722-338-3	o	PLATE (UPPER) ASSY, A/T
805	X-3722-339-3	o	PLATE (LOWER) ASSY, A/T
806	X-3722-340-3	o	IR-3 ASSY
807	3-729-027-11	o	A/T CASE (2), SHIELD
808	3-729-011-01	o	SPRING, COMPRESSION
809	3-534-236-00	o	SPRING, COMPRESSION
810	3-557-565-00	o	WASHER, 1.4 DIA, SMALL
811	3-669-316-00	o	SPRING, COMPRESSION
812	3-698-829-01	o	NUT (M2)
813	3-729-013-21	o	SCREW WASHERHEAD (-P)
814	3-703-502-31	o	SCREW
815	3-722-400-02	o	FLANGE (C), UPPER
816	3-722-401-02	o	FLANGE (A), LOWER
817	3-729-066-01	o	NUT, IR-3
818	3-722-412-15	o	DAMPER, A/T
819	8-825-749-02	o	HEAD, AD
820	3-695-567-01	o	WASHER, M SLIDER
821	3-729-067-02	o	PLATE, INDICATION, IR-3
822	2-123-868-02	o	SCREW (2x6)
823	3-729-012-21	o	SCREW (-PS2x4)

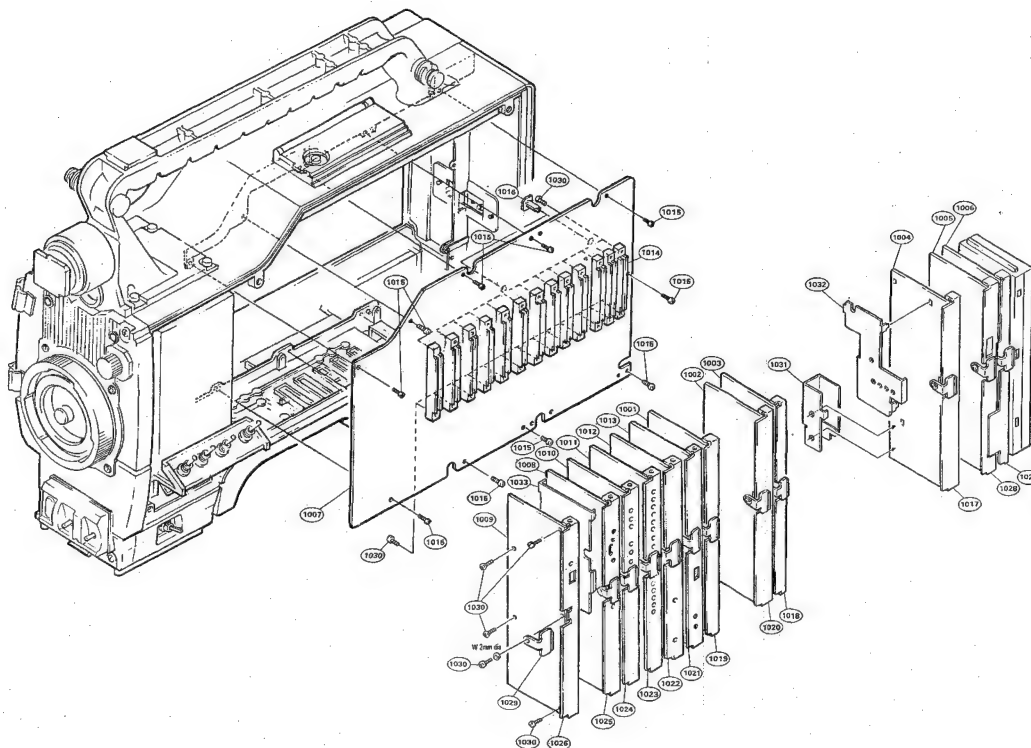
CASSETTE-UP COMPARTMENT

EXPLODED VIEW OF THE CASSETTE-UP COMPARTMENT ASSEMBLY. The diagram illustrates the internal components and their assembly sequence, including the cassette holder, tape transport mechanism, and tape deck. Key parts are labeled with callouts: 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 158

No.	Part No.	SP	Description
901	A-7408-093-B		CASSETTE COMPARTMENT ASBY (S/N up to 40215)
	A-6751-381-E		CASSETTE COMPARTMENT ASBY (S/N 40215 and higher)
902	X-3722-558-3		STOPPER ASBY
903	X-3722-586-2		O FITTING ASBY, DAMPER
904	X-3722-811-1		WASHER, STOPPER
905	X-321-311-81-0		WASHER, COTTER POLYETHYLENE
906	3-674-072-005		SPRING, TENSION
907	3-681-528-000		O DAMPER
908	3-729-013-010		WASHER, BUSHING
909	3-729-013-011		LEVER (RIGHT), LID OPEN
910	3-723-017-011		O LEVER (LEFT), LID OPEN
911	3-723-042-01		O SHAFT LINK
912	3-723-043-01		O SHAFT, CASSETTE HOLDER
913	3-723-044-01		RETAINER, BEARING
914	3-723-045-02		ROLLER HOLDER BLIDE
915	3-723-052-01		SPRING (A), TENSION
916	3-723-053-01		O SPRING (A), TENSION
917	3-723-054-01		RETAINER, BEARING
918	3-723-055-01		SPRING (B), CASSETTE RETAINER
919	3-723-067-01		RETAINER (LEFT), CASSETTE
920	3-723-068-01		RETAINER (RIGHT), CASSETTE
921	3-723-086-01		O GRAB, DAMPER DRIVING
922	3-723-087-01		GUIDE (RIGHT), CASSETTE
923	3-723-088-02		GUIDE (RIGHT), CASSETTE
924	3-723-089-02		GUIDE (LEFT), CASSETTE
925	3-723-090-02		(A), BLIND
926	3-701-436-21		WASHER, POLYETHYLENE
927	3-704-044-11		RETAINER, BEARING
928	3-728-298-01		O PLATE, INDICATION, BLIND
929	X-3722-412-1		WASHER, STOPPER, WASH
930	X-3722-584-1		WASHER, STOPPER

PRINTED CIRCUIT BOARD

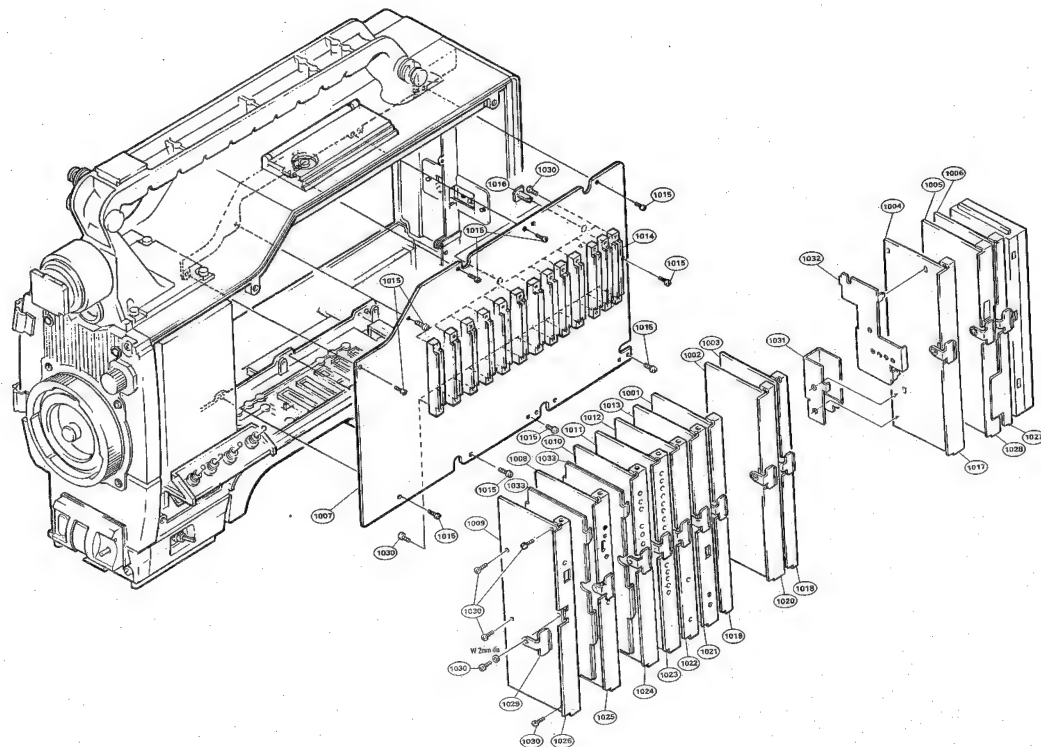
S/N: up to 40853



No.	Part No.	SP	Description
1001	A-6711-992-A	c	MOUNTED CIRCUIT BOARD, VP-24P
1002	A-6711-993-A	e	MOUNTED CIRCUIT BOARD, VDA-11P
1003	A-6711-350-A	c	MOUNTED CIRCUIT BOARD, AFM-8P
1004	A-6713-351-A	e	MOUNTED CIRCUIT BOARD, AW-97P
1005	A-7615-256-A	c	MOUNTED CIRCUIT BOARD, SV-97AP
1006	A-6717-553-A	e	MOUNTED CIRCUIT BOARD, SV-1178P
	A-6717-561-A	c	(S/N up to 40216)
1007	A-7513-963-A	e	MOUNTED CIRCUIT BOARD, VP-1178P
		c	(S/N up to 40217 and higher)
1008	A-7513-962-A	c	MOUNTED CIRCUIT BOARD, TE-20AP
1009	A-7513-944-A	e	MOUNTED CIRCUIT BOARD, AT-49A
1010	A-7513-945-A	c	MOUNTED CIRCUIT BOARD, VA-83
1011	A-7513-947-A	c	MOUNTED CIRCUIT BOARD, PR-132
1012	A-7513-941-A	c	MOUNTED CIRCUIT BOARD, BM-78P
1013	A-7513-960-A	c	MOUNTED CIRCUIT BOARD, SC-152P
1014	1-366-962-11	c	CORRECTOR, BOARD TO BOARD 50P
1015	3-729-013-31	e	SCREW (M1.6x2.5), WASHERHEAD (AP)
1016	3-722-391-01	e	HOLDER, GP2809
1017	3-724-704-01	e	PLATE (AU-97), ORNAMENTAL
1018	3-724-705-01	e	PLATE (AFM-6), ORNAMENTAL
1019	3-724-706-01	e	PLATE (VP-24), ORNAMENTAL
1020	3-724-707-01	e	PLATE (VDA-11), ORNAMENTAL
1021	3-734-721-01	e	PLATE (SC-152), ORNAMENTAL
1022	3-724-709-01	e	PLATE (BM-62), ORNAMENTAL
1023	3-724-710-01	e	PLATE (PR-103), ORNAMENTAL
1024	3-724-711-01	e	PLATE (VA-82), ORNAMENTAL
1025	3-724-712-01	e	PLATE (TE-20), ORNAMENTAL
1026	3-724-713-01	e	PLATE (AT-49), ORNAMENTAL
1027	3-724-714-01	e	PLATE (SV-117), ORNAMENTAL
1028	3-724-715-01	e	PLATE (AFM-8P), ORNAMENTAL
1029	3-724-753-01	e	RING, PRE
1030	3-729-061-01	e	SCREW (M2x4.5) (TYPE 1)
1031	3-729-031-01	e	CASE (AU-1), SHIELD
1032	3-729-032-01	e	CASE (AU-2), SHIELD
1033	X-3722-411-2	e	PLATE (CARD) ASSY, SHIELD

PRINTED CIRCUIT BOARD

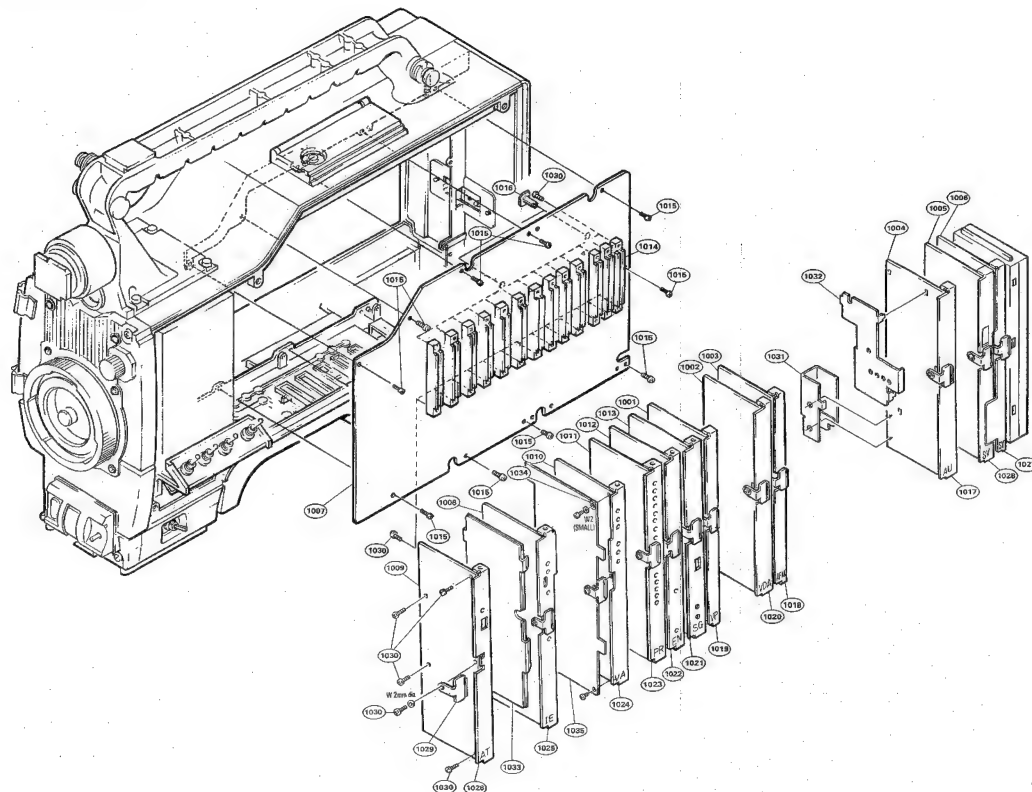
S/N : 40854 through 40998



No.	Part No.	SP	Description
1001	A-6711-992-A	o	MOUNTED CIRCUIT BOARD, VP-24P
1002	A-6711-993-A	o	MOUNTED CIRCUIT BOARD, VDA-11P
1003	A-6713-350-A	o	MOUNTED CIRCUIT BOARD, AFM-6P
1004	A-6713-351-A	o	MOUNTED CIRCUIT BOARD, AU-97P
1005	A-7615-256-A	o	MOUNTED CIRCUIT BOARD, SV-97AP
1006	A-6717-553-A	o	MOUNTED CIRCUIT BOARD, SY-117BP
	(S/N up to 40216)		
	A-6717-561-A	o	MOUNTED CIRCUIT BOARD, SY-117BP
	(S/N up to 40217 and higher)		
1007	A-7513-963-A	o	MOUNTED CIRCUIT BOARD, WB-173AP
1008	A-7513-962-A	o	MOUNTED CIRCUIT BOARD, TE-20AP
1009	A-7513-944-A	o	MOUNTED CIRCUIT BOARD, AT-49A
1010	A-7513-943-A	o	MOUNTED CIRCUIT BOARD, VA-83
1011	A-7513-947-A	o	MOUNTED CIRCUIT BOARD, PR-132
1012	A-7513-961-A	o	MOUNTED CIRCUIT BOARD, EM-79P
1013	A-7513-960-A	o	MOUNTED CIRCUIT BOARD, SG-152P
1014	1-566-962-11	o	CONNECTOR, BOARD TO BOARD 50P
1015	3-729-013-21	o	SCREW (M1.4x2.5), WASHERHEAD (+P)
1016	3-722-391-01	o	HOLDER, GF2509
1017	3-724-704-01	o	PLATE (AU-97), ORNAMENTAL
1018	3-724-705-01	o	PLATE (AFM-6), ORNAMENTAL
1019	3-724-706-01	o	PLATE (VF-24), ORNAMENTAL
1020	3-724-707-01	o	PLATE (VDA-11), ORNAMENTAL
1021	3-724-721-01	o	PLATE (SG-152), ORNAMENTAL
1022	3-724-709-01	o	PLATE (EM-79), ORNAMENTAL
1023	3-724-710-01	o	PLATE (PR-102), ORNAMENTAL
1024	3-724-711-01	o	PLATE (VA-62), ORNAMENTAL
1025	3-724-712-01	o	PLATE (TE-20), ORNAMENTAL
1026	3-724-713-01	o	PLATE (AT-49), ORNAMENTAL
1027	3-724-714-01	o	PLATE (SY-117), ORNAMENTAL
1028	3-724-715-01	o	PLATE (SV-97), ORNAMENTAL
1029	3-724-753-01	o	RIVET, PKE
1030	3-729-061-01	o	SCREW (M2x4.5) (TYPE 1)
1031	3-729-031-01	o	CASE (AU-1), SHIELD
1032	3-729-032-01	o	CASE (AU-2), SHIELD
1033	X-3722-411-5	o	PLATE (CARD) ASSY, SHIELD

PRINTED CIRCUIT BOARD

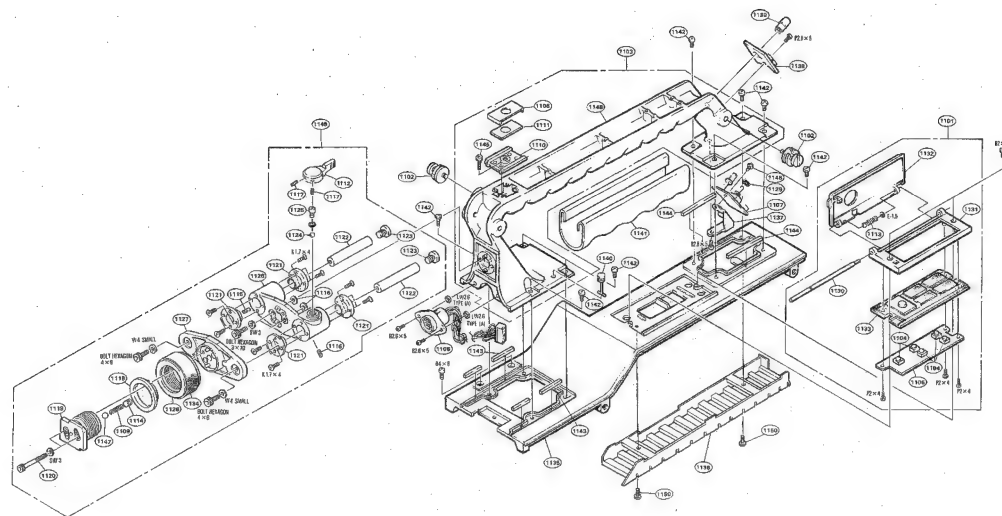
S/N : 40999 and higher



No.	Part No.	SF	Description
1001	A-6711-992-A	o	MOUNTED CIRCUIT BOARD, VP-24P
1002	A-6711-993-A	o	MOUNTED CIRCUIT BOARD, VDA-11P
1003	A-6713-350-A	o	MOUNTED CIRCUIT BOARD, APW-6P
1004	A-6713-351-A	o	MOUNTED CIRCUIT BOARD, AU-97P
1005	A-7613-256-A	o	MOUNTED CIRCUIT BOARD, SV-97AP
1006	A-6717-553-A	o	MOUNTED CIRCUIT BOARD, SY-117BP
			(S/M up to 40216)
	A-6717-561-A	o	MOUNTED CIRCUIT BOARD, SY-117BP
			(S/M up to 40217 and higher)
1007	A-7513-963-A	o	MOUNTED CIRCUIT BOARD, MB-173AP
1008	A-7513-962-A	o	MOUNTED CIRCUIT BOARD, 1B-20AP
1009	A-7513-944-A	o	MOUNTED CIRCUIT BOARD, AT-84A
1010	A-7513-945-A	o	MOUNTED CIRCUIT BOARD, VA-83
1011	A-7513-947-A	o	MOUNTED CIRCUIT BOARD, PR-132
1012	A-7513-961-A	o	MOUNTED CIRCUIT BOARD, EN-79P
1013	A-7513-960-A	o	MOUNTED CIRCUIT BOARD, SG-152P
1014	1-566-962-11	o	CONNECTOR, BOARD TO BOARD 50P
1015	3-729-013-21	s	SCREW (M1.4x2.5), WASHERHEAD (+P)
1016	3-722-391-01	o	HOLDER, GP2509
1017	3-724-704-01	o	PLATE (AU-97), ORNAMENTAL
1018	3-724-705-01	o	PLATE (APW-6), ORNAMENTAL
1019	3-724-706-01	o	PLATE (VP-24), ORNAMENTAL
1020	3-724-707-01	o	PLATE (VDA-11), ORNAMENTAL
1021	3-734-721-01	o	PLATE (SG-152), ORNAMENTAL
1022	3-724-709-01	o	PLATE (EN-62), ORNAMENTAL
1023	3-724-710-01	o	PLATE (PR-102), ORNAMENTAL
1024	3-724-711-02	o	PLATE (VA-62), ORNAMENTAL
1025	3-724-712-02	o	PLATE (CT-20), ORNAMENTAL
1026	3-724-713-01	o	PLATE (AT-49), ORNAMENTAL
1027	3-724-714-01	o	PLATE (SY-117), ORNAMENTAL
1028	3-724-715-01	o	PLATE (SV-97), ORNAMENTAL
1029	3-724-753-01	o	RING, FEE
1030	3-729-061-01	s	SCREW, (M2x4.5) (TYPE 1)
1031	3-729-031-01	o	CASE (AU-1), SHIELD
1032	3-729-032-01	o	CASE (AU-2), SHIELD
1033	X-3722-411-5	o	PLATE (CARD) ASSY, SHIELD
1034	X-166-513-01	o	SHEET (VA), CONDUCTIVE
1035	3-167-326-01	o	PLATE (VA), SHIELD

TOP FRAME TOP FRAME

TOP FRAME

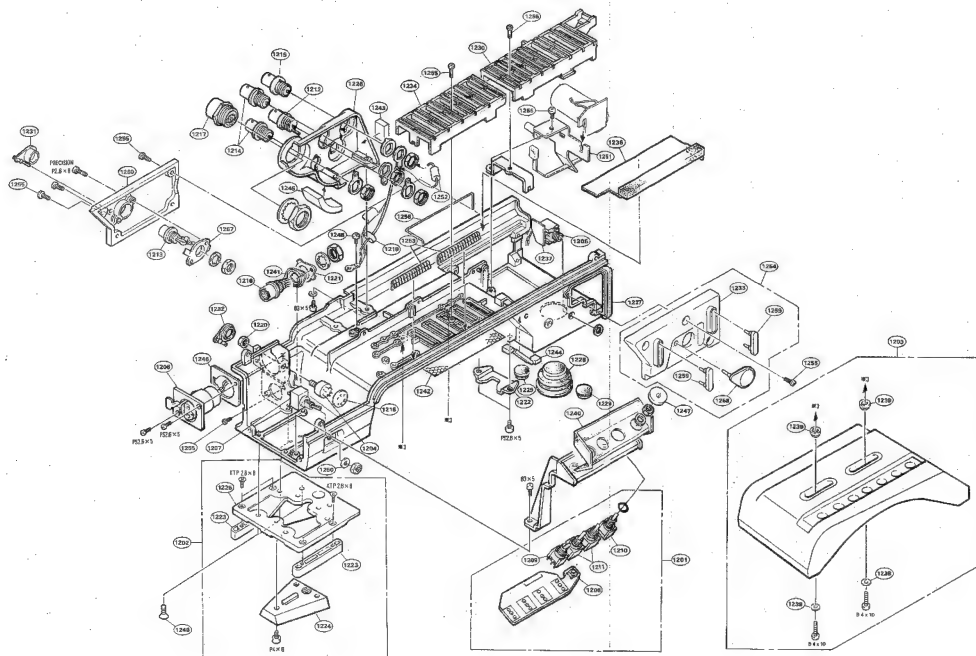


No.	Part No.	SP	Description
1101	A-6731-155-A	#	KEY BOARD ASSY
1102	X-3672-208-2	o	SUSPENSION ASSY (S)
1103	X-3722-370-04	o	HANDLE ASSY
1104	1-554-371-51	#	SWITCH TACT
1105	1-565-051-11	o	CONNECTOR, ROUND (WITH C) 20P
1106	1-625-549-11	o	PRINTED CIRCUIT BOARD, KY-124
1107	1-625-555-11	o	PRINTED CIRCUIT BOARD, SW-291
1108	2-277-468-01	o	PLATE, ORNAMENTAL, CAMERA SHOE
1109	3-641-652-00	#	SPRING, COMPRESSION
1110	3-657-700-00	#	BRACKET, ACCESSORY
1111	3-672-213-00	o	SHEET, ADHESIVE
1112	3-673-046-00	#	LEVER, LOCK
1113	3-673-281-00	o	SPRING, COMPRESSION
1114	3-682-760-01	o	SCREW (M7-0.75), ADJUSTMENT
1115	3-685-166-01	o	WASHER, SCREW CLAMP
1116	3-701-506-01	#	SETSCREW, DOUBLE POINT 3x4
1117	3-701-508-00	#	SETSCREW, DOUBLE POINT 3x6
1118	3-710-018-01	#	COLLAR, SLIDE
1119	3-710-039-03	#	SHOULDER, SLIDE
1120	3-711-765-01	#	BOLT (M3), HEXAGON SOCKET
1121	3-711-790-01	o	SPACER (A)
1122	3-711-791-01	o	ARM
1123	3-711-792-01	o	SCREW
1124	3-711-793-01	o	CUSHION, STOPPER
1125	3-711-794-01	o	PLATE, STOPPER
1126	3-711-795-01	o	RING (B), LOCK
1127	3-711-796-03	o	TABLE, FIXED, VF SHOE
1128	3-711-797-06	o	TABLE, FIXED, VF SLIDE
1129	3-717-825-01	o	RING, O
1130	3-717-854-01	o	SHAFT, KEY BOARD COVER
1131	3-718-042-21	o	FRAME, KEY BOARD
1132	3-718-043-21	o	COVER, KEY BOARD
1133	3-718-044-01	#	COVER, KEY BOARD RUBBER
1134	3-720-919-01	o	RUBBER, LOCK RING
1135	3-722-469-02	o	FRAME, TOP
1136	3-724-736-01	o	GUIDE (UPPER), PC BOARD
1137	3-724-762-01	o	HOLDER
1138	3-724-763-01	o	COVER, BT
1139	3-724-764-01	o	HOLDER, LED
1140	3-725-254-01	#	RUBBER (DIA. 7) DROP PROTECTION
1141	3-725-260-01	#	GRIP, RUBBER
1142	3-725-295-01	#	SCREW (M3)
1143	3-725-296-01	#	FILTER (HANDLE)
1144	3-725-296-11	#	FILTER (HANDLE)
1145	3-729-012-01	#	SCREW (M2.5)
1146	3-729-013-21	#	SCREW (M1.6x2.5), WASHERHEAD (+P)
1147	3-677-115-01	#	BALL, STEEL
1148	3-722-467-05	o	HANDLE
1149	A-7612-331-E	#	SHIELD ASSY, VF
1150	3-166-603-01	#	ALOCK #32.6

BOTTOM FRAME

BOTTOM FRAME

BOTTOM FRAME

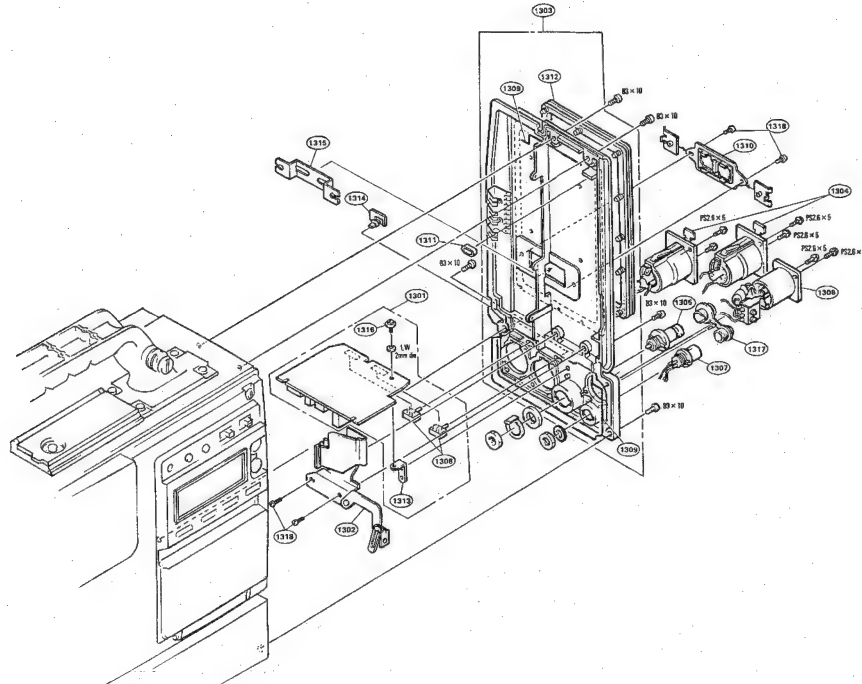


No.	Part No.	SP	Description
1201	A-7520-307-A	o	MOUNTED CIRCUIT BOARD, SW-220
1202	A-7612-352-A	s	SHOUL ASST, V
1203	A-7612-315-A	s	PAD ASST, SHOULDER
1204	1-221-165-00	s	RIS, VAR, WIREWOUND 10K
1205	1-507-980-11	s	JACK
1206	1-563-029-21	s	CONNECTOR (RECEPTACLE) 3P
1207	1-533-448-00	s	SWITCH, TOGGLE
1208	1-533-856-00	s	SWITCH, KEY BOARD
1209	1-534-353-00	s	SWITCH, TOGGLE
1210	1-534-356-00	s	SWITCH, TOGGLE
1211	1-554-400-12	s	SWITCH, TOGGLE
1212	1-565-764-11	s	CONNECTOR ASST, BNC
1213	1-561-239-11	s	CONNECTOR (RECEPTACLE) 6P
1214	1-561-781-11	s	CONNECTOR, BNC (RECEPTACLE)
1215	1-561-781-21	s	CONNECTOR, BNC (RECEPTACLE)
1216	1-562-221-21	s	RECEPTACLE, CONNECTOR 12P
1217	1-563-971-11	s	CONNECTOR (R-F) 20P
1218	1-825-554-13	o	PRINTED CIRCUIT BOARD, VR-77
1219	1-806-504-11	s	VARIABLE RES-C05K20
1220	3-684-519-00	o	NUT (M4)
1221	3-729-092-01	o	BRACKET (A)
1222	3-711-703-01	o	STOPPER
1223	3-729-064-01	o	GUARD, CAMERA SHOT (A)
1224	3-716-391-01	o	WEDGE, MOUNTING
1225	3-729-065-01	o	SHOE, CAMERA (A)
1226	3-722-462-03	o	FRAME, BNC
1227	3-722-471-03	o	FRAME, BOTTOM
1228	3-723-096-01	o	COVER, BREAKER
1229	3-723-097-01	o	FOOT, RUBBER
1230	3-724-720-01	o	GUIDE (LOWER REAR), PC BOARD
1231	3-724-730-02	s	RUBBER (FA), DROP PROTECTION
1232	3-724-731-02	s	RUBBER (FB), DROP PROTECTION
1233	3-724-734-01	o	PANEL, MAIN SWITCH ORNAMENTAL
1234	3-724-735-01	o	GUIDE (LOWER FRONT), PC BOARD
1235	3-165-187-01	s	PANEL, ORNAMENTAL
1236	3-725-224-01	o	PARTITION (L)
1237	1-627-593-11	o	PRINTED CIRCUIT BOARD, HP-43
1238	3-646-184-00	o	SPACER
1239	3-687-114-01	o	WASHER (A) STOPPER
1240	3-725-243-01	s	RUBBER (CAM), DROP PROTECTION
1241	3-725-297-01	o	SPACER (L&R)
1242	3-729-002-01	s	FILTER, VENTILATION
1243	3-729-003-01	s	FILTER (LEFT SIDE PLATE 2)
1244	3-729-004-01	s	FILTER (BOTTOM 2)
1245	3-729-005-01	s	FILTER (BNC)
1246	3-729-006-01	s	SHEET (AUDIO), DROP PROTECTION
1247	3-729-007-01	o	PLATE, ORNAMENTAL, TOGGLE SW
1248	3-729-076-11	s	SCREEN, *B (4x8)
1249	3-729-072-01	s	SCREEN, *K (4x8)
1250	7-688-006-02	s	W6, SMALL
1251	3-734-732-01	o	HOLDER, CONDENSER
1252	1-249-404-00	s	RES, CARBON (SMALL) 82
1253	3-729-093-01	o	FINGER, SHIELD
1254	X-3163-012-2	o	PANEL ASST, MAIN SWITCH ORNAMENTAL
1255	3-166-603-01	s	ALOCK *22.6

BVW-200 (3)
 BVW-300P (3)
 BVW-300 (4)
 BVW-300P (5)

REAR FRAME REAR FRAME

REAR FRAME



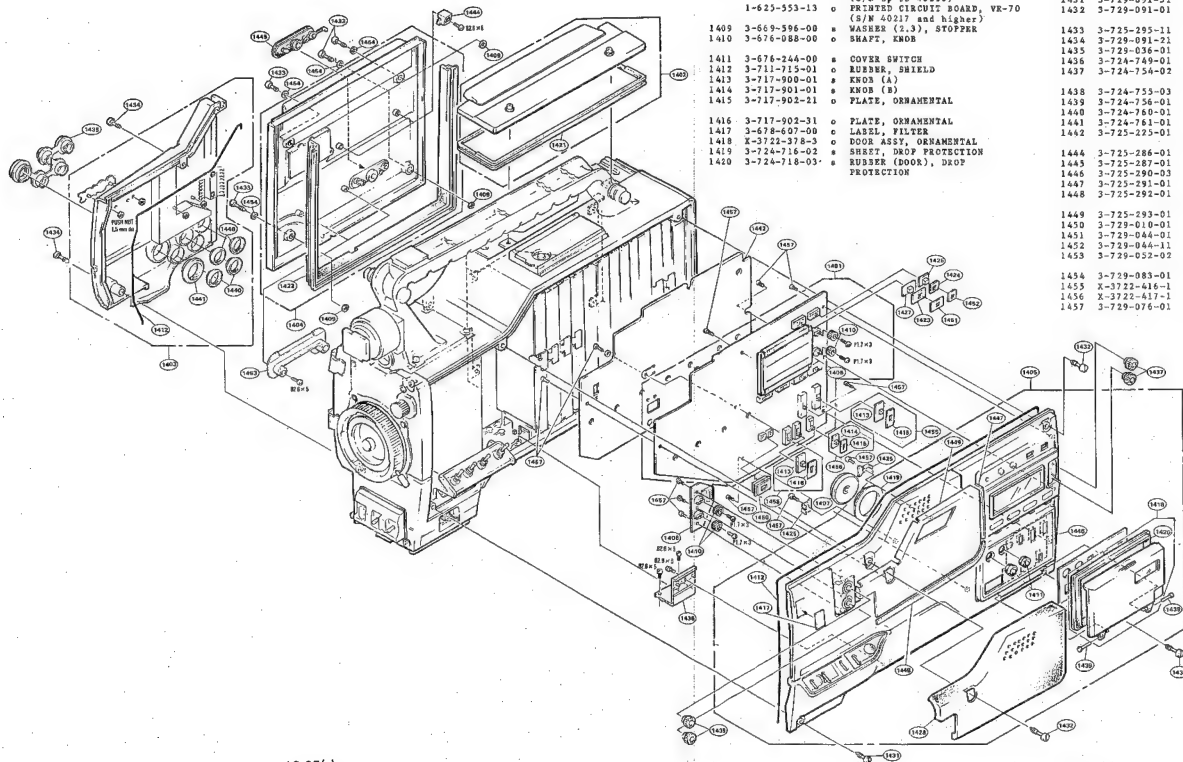
Mo.	Part No.	SP	Description
A1301	A-6723-368-A		MOUNTED CIRCUIT BOARD, PS-162
1302	X-3722-373-1	o	HINGE (L) ASSY, SIDE PLATE
1303	X-3722-374-1	o	FRAME SUB ASSY, REAR
1304	1-563-029-21	a	CONNECTOR (RECEPTACLE) 3P
1305	1-563-764-11	a	CONNECTOR ASSY, SWC
1306	1-564-603-11	a	CONNECTOR (WITH SW)
1307	1-565-072-11	a	CONNECTOR, BOWEN TYPE (RV) 4P
1308	1-570-610-11	a	SWITCH, TOGGLE
1309	3-711-715-01	o	RUBBER, SHIELD
1310	3-718-028-01	o	SOLDER, TERMINAL
1311	3-722-484-01	o	SPACER, SV
1312	3-724-723-01	a	RUBBER (BATT), DROP PROTECTION
1313	3-724-752-01	o	HOLDER (PS), PC BOARD
1314	3-725-239-01	a	RUBBER (P40), DROP PROTECTION
1315	3-729-009-03	o	INSULATOR (BATT)
1316	3-729-012-01	a	SCREW (M2x5)
1317	3-729-035-01	a	COVER, REAR CONNECTOR
1318	3-729-076-01	a	SCREW (+B2x3)

RIGHT SIDE PLATE

RIGHT SIDE PLATE

RIGHT SIDE PLATE

S/N: up to 40853



Mo.	Part No.	SP	Description
1401	A-6713-372-A	o	MOUNTED CIRCUIT BOARD, TC-48AP
1402	X-3722-374-5	o	PANEL ASSY, TOP
1403	X-3734-704-1	o	PLATE ASSY, SIDE, LEFT
1404	X-3722-399-4	o	1-D SUB ASSY
1405	X-3722-415-8	o	PLATE ASSY, SIDE, RIGHT
1406	1-808-502-11	o	LCP-MODULE
1407	1-503-293-00	o	SPEAKER
1408	1-625-553-12	o	PRINTED CIRCUIT BOARD, VR-70 (S/N up to 40214)
	1-625-553-13	o	PRINTED CIRCUIT BOARD, VR-70 (S/N 40217 and higher)
1409	3-669-596-00	o	WASHER (2x3), STOPPER
1410	3-676-088-00	o	SHAFT, KNOB
1411	3-676-244-00	o	COVER SWITCH
1412	3-711-715-01	o	RUBBER, SHIELD
1413	3-717-901-01	o	KNOB (A)
1414	3-717-901-01	o	KNOB (B)
1415	3-717-902-21	o	PLATE, ORNAMENTAL
1416	3-717-902-31	o	PLATE, ORNAMENTAL
1417	3-678-607-00	o	LABEL, FILTER
1418	X-3722-374-5	o	DOOR ASSY, ORNAMENTAL
1419	3-724-716-02	o	SHEET, DROP PROTECTION
1420	3-724-718-03	o	RUBBER (DOOR), DROP PROTECTION

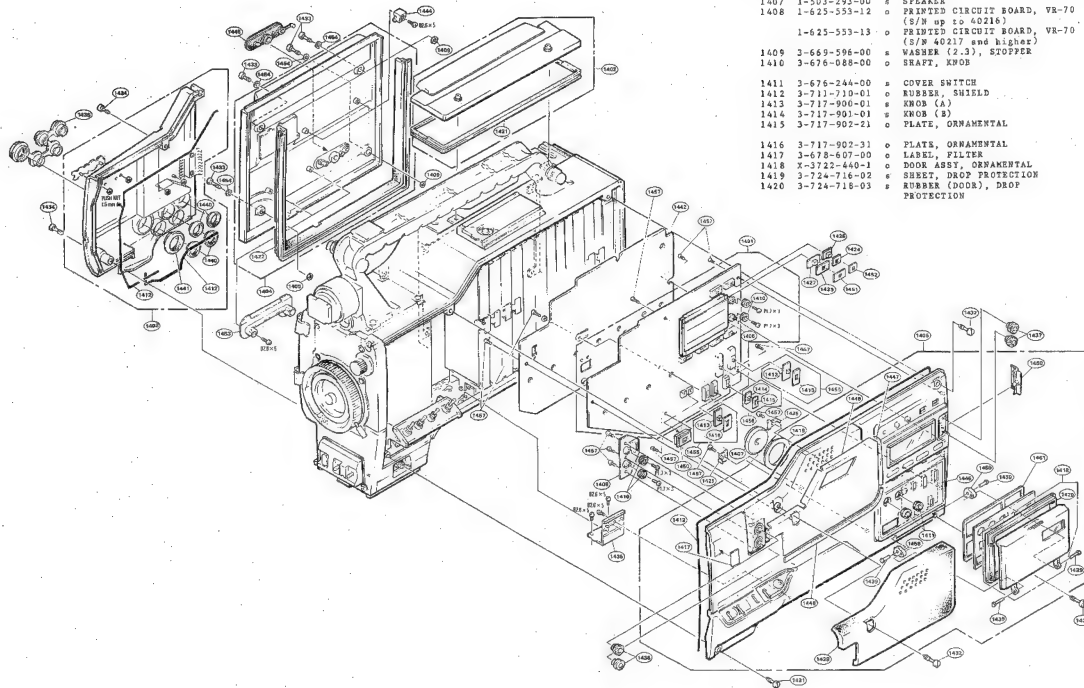
Mo.	Part No.	SP	Description
1421	3-724-721-02	o	RUBBER (TOP), DROP PROTECTION
1422	3-724-722-02	o	RUBBER (GA), DROP PROTECTION
1423	3-724-723-02	o	RUBBER (SLIDE), DROP PROTECTION
1424	3-724-723-12	o	RUBBER (SLIDE), DROP PROTECTION
1425	3-724-726-01	o	HOLDER, SPRINGER
1426	3-724-727-01	o	KNOB (L1), SW
1427	3-724-728-01	o	KNOB (DL), SW
1428	3-724-733-01	o	PAD, SIDE
1431	3-729-091-31	o	SCREW, (M4x10)
1432	3-729-091-01	o	SCREW, (M4x17.5)
1433	3-725-295-11	o	SCREW, (+) (R3)
1434	3-729-091-21	o	SCREW, (M4x22.5)
1435	3-729-036-01	o	COVER, CORRECTOR, SIDE
1436	3-724-749-01	o	WING (R), SIDE PLATE
1437	3-724-754-02	o	KNOB (R), VR
1438	3-724-755-03	o	KNOB (F), VR
1439	3-724-756-01	o	SHAFT, DGR
1440	3-724-760-01	o	RUBBER (SWC), DROP PROTECTION
1441	3-724-761-01	o	RUBBER (FS), DROP PROTECTION
1442	3-725-225-01	o	INSULATOR (TC)
1444	3-725-286-01	o	STOPPER, CASSETTE
1445	3-725-287-01	o	RUBBER, DROP PROTECTION
1446	3-725-290-01	o	RUBBER (SW), DROP PROTECTION
1447	3-725-291-01	o	TAPE (1), ADHESIVE, SIDE PAD
1448	3-725-292-01	o	TAPE (2), ADHESIVE, SIDE PAD
1449	3-725-293-01	o	TAPE (3), ADHESIVE, SIDE PAD
1450	3-729-010-01	o	RUBBER (VTC), DROP PROTECTION
1451	3-729-044-01	o	SHEET, SLIDE
1452	3-729-044-11	o	SHEET, SLIDE
1453	3-729-052-02	o	BRACKET, TAPE
1454	3-729-083-01	o	WASHER, ORNAMENT
1455	X-3722-416-1	o	KNOB (A) (ORANGE) ASSY, SW
1456	X-3722-417-1	o	KNOB (C) (ORANGE) ASSY, SW
1457	3-729-076-01	o	SCREW (+3 2x3)

RIGHT SIDE PLATE

RIGHT SIDE PLATE

RIGHT SIDE PLATE

S/N : 40854 through 40938



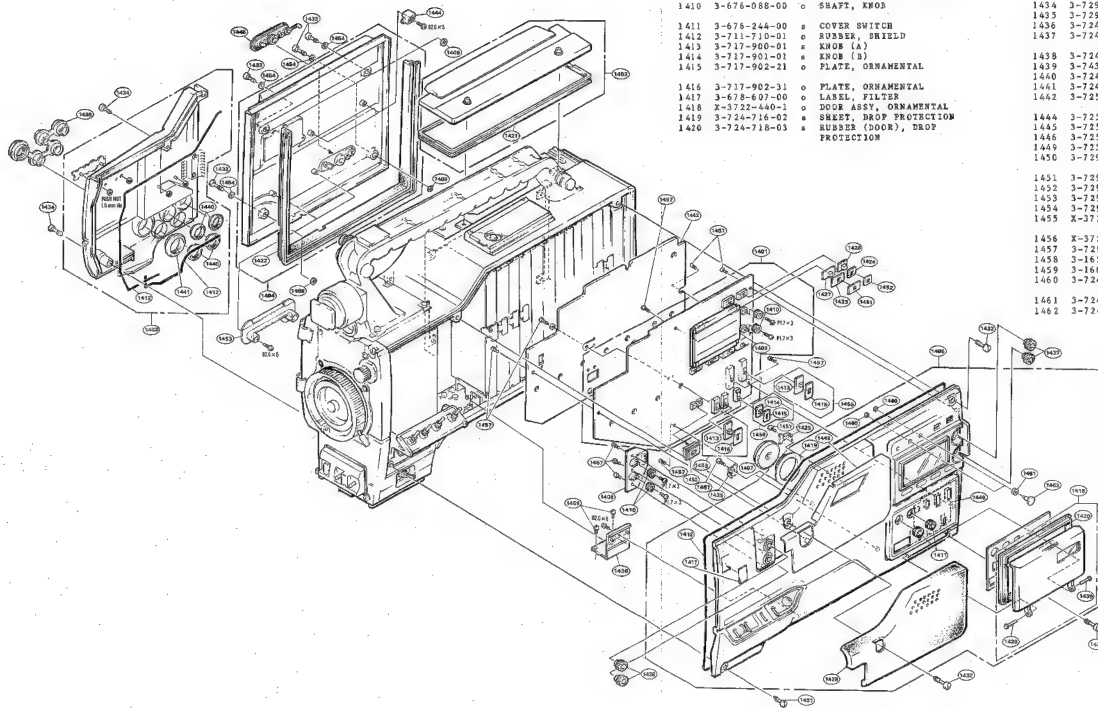
No.	Part No.	SP	Description	No.	Part No.	SP	Description
1401	A-6713-372-A	o	MOUNTED CIRCUIT BOARD, TC-48AP	1401	A-6713-372-A	o	MOUNTED CIRCUIT BOARD, TC-48AP
1402	X-3722-376-5	o	PANEL ASSY, TOP	1402	X-3722-376-5	o	PANEL ASSY, TOP
1403	X-3734-704-1	o	PLATE ASSY, SIDE, LEFT	1403	X-3734-704-1	o	PLATE ASSY, SIDE, LEFT
1404	X-3722-399-4	o	LID SUB ASSY	1404	X-3722-399-4	o	LID SUB ASSY
1405	X-3722-415-7	o	PLATE ASSY, SIDE, RIGHT	1405	X-3722-415-6	o	PLATE ASSY, SIDE, RIGHT
1406	1-808-302-11	s	LCD-MODULE	1406	1-808-302-11	s	LCD-MODULE
1407	1-503-293-00	o	SPEAKER	1407	1-503-293-00	o	SPEAKER
1408	1-625-553-12	o	PRINTED CIRCUIT BOARD, VR-70	1408	1-625-553-12	o	PRINTED CIRCUIT BOARD, VR-70
	1-625-553-13	o	(S/N up to 40216)		1-625-553-13	o	(S/N up to 40216)
1409	3-669-596-00	o	WASHER (2.3), STOPPER	1409	3-669-596-00	o	WASHER (2.3), STOPPER
1410	3-676-088-00	o	SHAFT, KNOB	1410	3-676-088-00	o	SHAFT, KNOB
1411	3-676-244-00	o	COVER SWITCH	1411	3-676-244-00	o	COVER SWITCH
1412	3-711-710-01	o	RUBBER, SHIELD	1412	3-711-710-01	o	RUBBER, SHIELD
1413	3-717-900-01	o	KNOB (A)	1413	3-717-900-01	o	KNOB (A)
1414	3-717-901-01	o	KNOB (B)	1414	3-717-901-01	o	KNOB (B)
1415	3-717-902-21	o	PLATE, ORNAMENTAL	1415	3-717-902-21	o	PLATE, ORNAMENTAL
1416	3-717-902-31	o	PLATE, ORNAMENTAL	1416	3-717-902-31	o	PLATE, ORNAMENTAL
1417	3-678-607-00	o	LABEL, FILTER	1417	3-678-607-00	o	LABEL, FILTER
1418	X-3722-440-1	o	DOOR ASSY, ORNAMENTAL	1418	X-3722-440-1	o	DOOR ASSY, ORNAMENTAL
1419	3-724-716-03	o	RUBBER, DROP PROTECTION	1419	3-724-716-02	o	RUBBER (DOOR), DROP PROTECTION
1420	3-724-718-03	o	RUBBER (DOOR), DROP PROTECTION	1420	3-724-718-03	o	RUBBER (DOOR), DROP PROTECTION
1421	3-724-721-02	o	RUBBER (TOP), DROP PROTECTION	1421	3-724-721-02	o	RUBBER (TOP), DROP PROTECTION
1422	3-724-722-02	o	RUBBER (CA), DROP PROTECTION	1422	3-724-722-02	o	RUBBER (CA), DROP PROTECTION
1423	3-724-725-02	o	RUBBER (SLIDE), DROP PROTECTION	1423	3-724-725-02	o	RUBBER (SLIDE), DROP PROTECTION
1424	3-724-725-12	o	RUBBER (SLIDE), DROP PROTECTION	1424	3-724-725-12	o	RUBBER (SLIDE), DROP PROTECTION
1425	3-724-726-01	o	HOLDER, SPEAKER	1425	3-724-726-01	o	HOLDER, SPEAKER
1426	3-724-727-01	o	KNOB (LIT), SW	1426	3-724-727-01	o	KNOB (LIT), SW
1427	3-724-728-01	o	KNOB (DL), SW	1427	3-724-728-01	o	KNOB (DL), SW
1428	3-724-733-01	o	PAD, SIDE	1428	3-724-733-01	o	PAD, SIDE
1431	3-729-091-31	o	SCREW, (M4x10)	1431	3-729-091-31	o	SCREW, (M4x10)
1432	3-729-091-01	o	SCREW, (M4x17.5)	1432	3-729-091-01	o	SCREW, (M4x17.5)
1433	3-725-205-11	o	SCREW, (+) (R3)	1433	3-725-205-11	o	SCREW, (+) (R3)
1434	3-729-091-21	o	SCREW, (M4x22.5)	1434	3-729-091-21	o	SCREW, (M4x22.5)
1435	3-729-036-01	o	COVER, CONNECTOR, SIDE	1435	3-729-036-01	o	COVER, CONNECTOR, SIDE
1436	3-724-749-02	o	HINGE (R), SIDE PLATE	1436	3-724-749-02	o	HINGE (R), SIDE PLATE
1437	3-724-754-02	o	KNOB (R), VR	1437	3-724-754-02	o	KNOB (R), VR
1438	3-724-755-03	o	KNOB (F), VR	1438	3-724-755-03	o	KNOB (F), VR
1439	3-743-800-01	o	SHAFT, DOOR	1439	3-743-800-01	o	SHAFT, DOOR
1440	3-724-740-01	o	RUBBER (RND), DROP PROTECTION	1440	3-724-740-01	o	RUBBER (RND), DROP PROTECTION
1441	3-724-741-01	o	RUBBER (PB), DROP PROTECTION	1441	3-724-741-01	o	RUBBER (PB), DROP PROTECTION
1442	3-725-225-01	o	INSULATOR (TO)	1442	3-725-225-01	o	INSULATOR (TO)
1444	3-725-286-01	o	STOPPER, CASSETTE	1444	3-725-286-01	o	STOPPER, CASSETTE
1445	3-725-287-01	o	RUBBER, DROP PROTECTION	1445	3-725-287-01	o	RUBBER, DROP PROTECTION
1446	3-725-290-03	o	RUBBER (SW), DROP PROTECTION	1446	3-725-290-03	o	RUBBER (SW), DROP PROTECTION
1449	3-725-293-03	o	TAPE (3), ADHESIVE, SIDE PAD	1449	3-725-293-03	o	TAPE (3), ADHESIVE, SIDE PAD
1450	3-729-010-01	o	RUBBER (VITC), DROP PROTECTION	1450	3-729-010-01	o	RUBBER (VITC), DROP PROTECTION
1451	3-729-044-01	o	SHEET, SLIDE	1451	3-729-044-01	o	SHEET, SLIDE
1452	3-729-044-11	o	SHEET, SLIDE	1452	3-729-044-11	o	SHEET, SLIDE
1453	3-729-032-02	o	BRACKET, TAPE	1453	3-729-032-02	o	BRACKET, TAPE
1454	3-729-083-01	o	WASHER, ORNAMENT	1454	3-729-083-01	o	WASHER, ORNAMENT
1455	X-3722-416-1	o	KNOB (A) (ORANGE) ASSY, SW	1455	X-3722-416-1	o	KNOB (A) (ORANGE) ASSY, SW
1456	X-3722-417-1	o	KNOB (C) (ORANGE) ASSY, SW	1456	X-3722-417-1	o	KNOB (C) (ORANGE) ASSY, SW
1457	3-729-076-01	o	SCREW (+B 2x3)	1457	3-729-076-01	o	SCREW (+B 2x3)
1458	3-183-104-01	o	PACER (C), ORNAMENTAL DOOR	1458	3-183-104-01	o	PACER (C), ORNAMENTAL DOOR
1459	3-186-603-01	o	ALOCK +B2.5	1459	3-186-603-01	o	ALOCK +B2.5
1460	3-724-757-02	o	RETAINER, SW, PUSH	1460	3-724-757-02	o	RETAINER, SW, PUSH
1461	3-724-758-02	o	RUBBER (PUSH), DROP PROTECTION	1461	3-724-758-02	o	RUBBER (PUSH), DROP PROTECTION
1462	3-724-759-03	o	PUSH SW	1462	3-724-759-03	o	PUSH SW

RIGHT SIDE PLATE

RIGHT SIDE PLATE

RIGHT SIDE PLATE

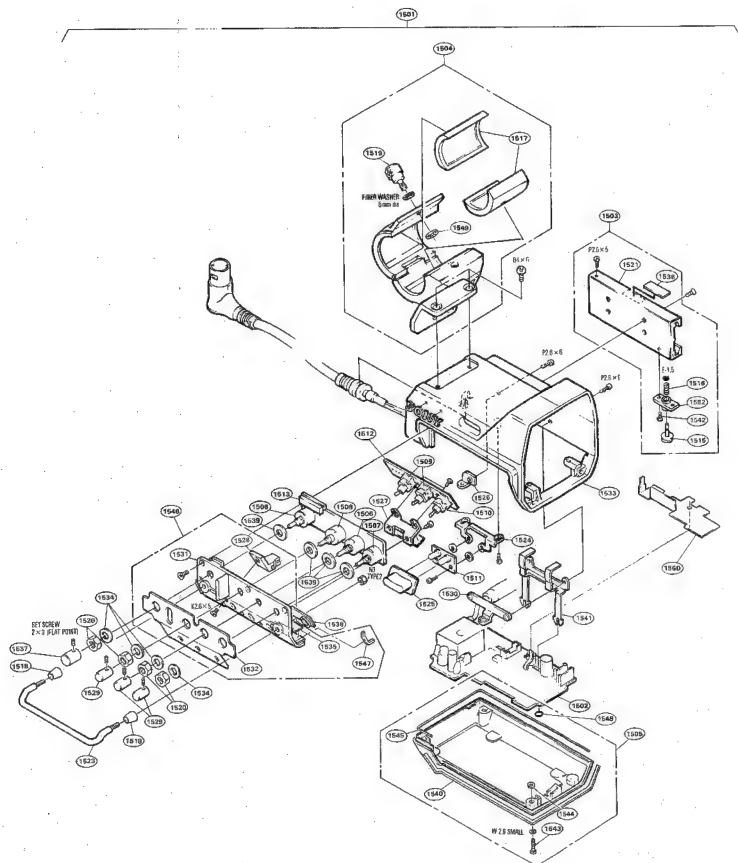
S/N : 40999 and higher



No.	Part No.	SP	Description
1401	A-6713-373-A	*	MOUNTED CIRCUIT BOARD, TC-48AP
1402	X-3722-370-5	o	PANEL ASST, TOP
1403	X-3734-704-1	o	PLATE ASST, SIDE, LEFT
1404	X-3722-399-4	o	LID SWB ASST
1405	X-3722-413-4	o	PLATE ASST, SIDE, RIGHT
1406	1-808-502-11	*	LCB-MODULE
1407	1-503-293-00	*	SPEAKER
1408	1-623-553-12	o	PRINTED CIRCUIT BOARD, VR-70 (S/N up to 40216)
	1-623-553-13	o	PRINTED CIRCUIT BOARD, VR-70 (S/N 40217 and higher)
1409	3-669-596-00	*	WASHER (2.3), STOPPER
1410	3-676-088-00	*	SHAFT, KNOB
1411	3-676-244-00	o	COVER SWITCH
1412	3-717-710-01	o	RUBBER, SHIELD
1413	3-717-900-01	o	KNOB (A)
1414	3-717-901-01	o	KNOB (B)
1415	3-717-902-21	o	PLATE, ORNAMENTAL
1416	3-717-902-31	o	PLATE, ORNAMENTAL
1417	3-676-407-00	o	LABEL, FILTER
1418	X-3722-440-1	o	DOOR ASST, ORNAMENTAL
1419	X-3724-716-02	*	SHEET, DROP PROTECTION
1420	3-724-718-03	*	RUBBER (DOOR), DROP PROTECTION

No.	Part No.	SP	Description
1421	3-724-721-02	*	RUBBER (TOP), DROP PROTECTION
1422	3-724-722-02	*	RUBBER (CA), DROP PROTECTION
1423	3-724-723-02	*	RUBBER (SLIDE), DROP PROTECTION
1424	3-724-723-12	*	RUBBER (SLIDE), DROP PROTECTION
1425	3-724-726-01	o	HOLDER, SPEAKER
1426	3-724-727-01	*	KNOB (L1), SW
1427	3-724-728-01	*	KNOB (DL), SW
1428	3-724-733-01	o	PAD, SIDE
1431	3-729-091-31	*	SCREW, (M4x10)
1432	3-729-091-01	*	SCREW, (M4x17.5)
1433	3-725-295-11	*	SCREW, (+) (B3)
1434	3-729-091-21	*	SCREW, (M4x12.3)
1435	3-729-034-01	o	COVER, CONNECTOR, SIDE
1436	3-724-749-02	o	HINGE (R), SIDE PLATE
1437	3-724-754-02	*	KNOB (R), VR
1438	3-724-755-03	*	KNOB (P), VR
1439	3-743-800-01	o	SHAFT, DOOR
1440	3-724-760-01	*	RUBBER (BWC), DROP PROTECTION
1441	3-724-761-01	*	RUBBER (PS), DROP PROTECTION
1442	3-725-225-01	o	INSULATOR (TC)
1444	3-725-286-01	o	STOPPER, CASSETTE
1445	3-725-287-01	o	RUBBER, DROP PROTECTION
1446	3-725-290-03	*	RUBBER (SW), DROP PROTECTION
1449	3-725-293-03	o	TAPE (3), ADHESIVE, SIDE PAD
1450	3-729-010-01	*	RUBBER (VITC), DROP PROTECTION
1451	3-729-044-01	*	SHEET, SLIDE
1452	3-729-044-11	*	SHEET, SLIDE
1453	3-729-055-02	o	BRACKET, TAPE
1454	3-729-082-01	o	WASHER, ORNAMENT
1455	X-3722-416-1	*	KNOB (A) (ORANGE) ASST, SW
1456	X-3722-417-1	*	KNOB (C) (ORANGE) ASST, SW
1457	3-729-076-01	*	SCREW (+B 2x3)
1458	3-165-184-01	*	SPACER (L), ORNAMENTAL DOOR
1459	3-166-603-01	*	ALOCK #2.6
1460	3-724-757-02	*	RETAINER, SW, PUSH
1461	3-724-758-02	*	RUBBER (PUSH), DROP PROTECTION
1462	3-724-759-03	*	PUSH SW

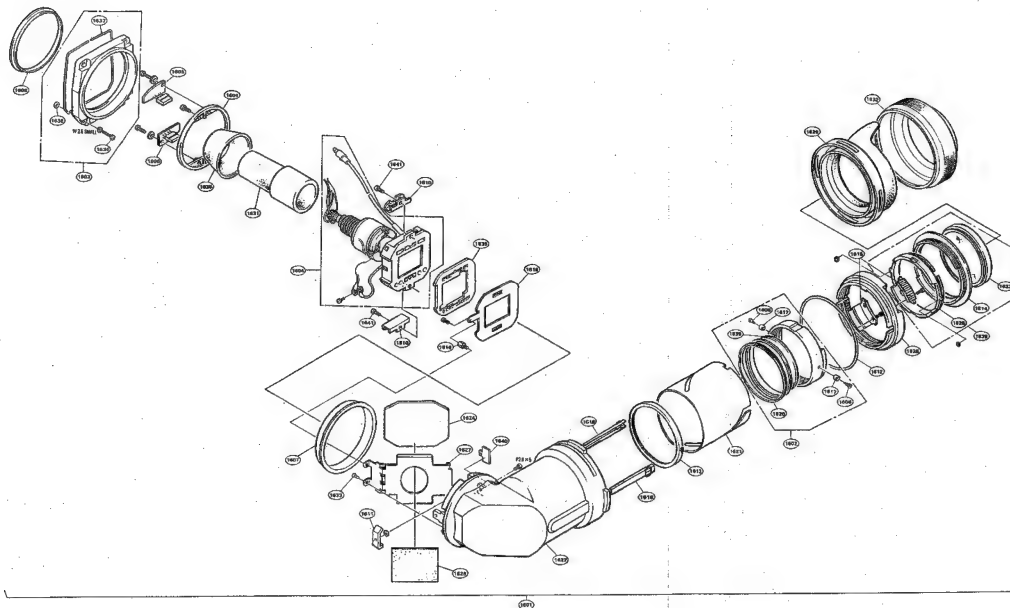
VF (1)



W.	Part No.	SP	Description
A1501	A-7403-111-A	o	VF COMPLETE ASSY
1502	A-7513-644-A	o	MOUNTED CIRCUIT BOARD, V7-32
1503	A-7612-320-B	o	GUIDE ASSY, VF SLIDE
1504	X-3722-367-2	o	HOLDER ASSY, MICROPHONE
		J:	S/W up to 30628
		UC:	S/W up to 10773
		ZE:	S/W up to 40913
	A-7612-390-A	o	HOLDER ASSY, MICROPHONE
		UC:	S/W 10774 and higher
		ZE:	S/W 40914 and higher
1505	X-3722-368-5	o	LID ASSY, VF
1506	1-238-290-11	#	RES, VAR, CARBON 1K
1507	1-238-293-11	#	RES, VAR, CARBON 10K
1508	1-238-294-11	#	RES, VAR, CARBON 10K
1509	1-570-984-11	#	SWITCH, TOGGLE
1510	1-570-985-11	#	SWITCH, TOGGLE
1511	1-625-087-11	o	PRINTED CIRCUIT BOARD, L7-42
1512	1-625-088-11	o	PRINTED CIRCUIT BOARD, SW-260
1513	1-625-089-11	o	PRINTED CIRCUIT BOARD, VE-67
1515	2-277-457-00	#	KNOB, STOPPER
1516	2-277-466-01	#	SPRING, COMPRESSION
1517	3-742-039-01	#	CUSHION MICROPHONE
1518	3-657-654-00	o	RING, ORNAMENTAL
1519	3-657-657-00	o	SCREW (M5)
1520	3-685-104-01	#	NUT (M5), CONTROL
1521	3-710-007-02	#	GUIDE, VF SLIDE
1522	3-710-008-01	#	HOUSING, STOPPER
1523	3-718-342-02	#	GUARD, CONNECTOR
1524	3-722-474-01	o	BRACKET, LP
1525	3-722-475-04	o	COVER (A), TAIL
1526	3-722-476-01	o	NUT, PLATE
1527	X-3722-426-1	o	BRACKET ASSY, SW
1528	3-722-481-03	o	HOLDER, PC BOARD
1529	3-722-486-01	#	KNOB
1530	3-722-489-01	o	BRACKET, PC BOARD
1531	3-722-494-01	o	BRACKET, VR SW
1532	3-722-498-04	o	LABEL
1533	3-723-002-02	o	VF (MAIN)
1534	3-724-744-02	o	WASHER
1535	3-724-746-01	o	SHEET (B), INSULATING
1536	3-725-275-01	o	LABEL, LOCK
1537	3-725-277-01	o	KNOB (B)
1538	3-725-278-01	o	PACKING (SW), DROP PROTECTION
1539	3-725-279-01	o	PACKING (VR), DROP PROTECTION
1540	3-725-280-01	o	PACKING (A), DROP PROTECTION
1541	3-725-282-01	o	HINGE PC BOARD
1542	6-627-553-48	#	SCREW, PRECISION F2x4
1543	6-627-556-98	#	SCREW, PRECISION F2.6x8
1544	3-743-004-01	o	RING, W/ON
1545	3-729-701-21	#	RUBBER (CARBON), CONDUCTIVE
1546	X-3722-424-2	o	BRACKET ASSY (A), VE, SW
1547	3-720-978-01	o	PACKING (B), DROP PROTECTION
1548	3-672-250-01	o	RING, O (M2.6)
1549	3-163-300-01	o	WASHER, SCREW STOPPER
1550	3-166-307-01	o	PLATE, SHIELD

VF (2) VF (2)

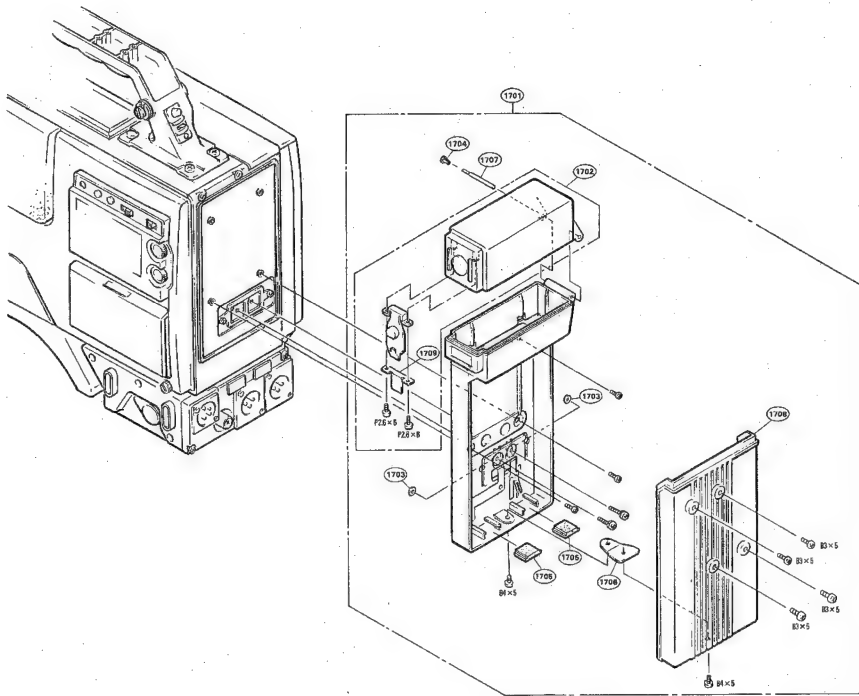
VF (2)



No.	Part No.	SP	Description
1601	A-7403-129-A	o	VF COMPLETE ASSY
1602	X-3722-365-2	o	LENS ASSY
1603	X-3722-366-6	o	TUBE ASSY, VF ROTARY GUIDE
1604	1-546-066-2	o	1.5" CRT ASSY
		o	EX: S/N up to 40853
		o	1.5" CRT ASSY
		o	EX: S/N 40854 and higher
1605	1-625-086-11	o	PRINTED CIRCUIT BOARD, LP-40
1606	1-635-204-11	o	PRINTED CIRCUIT BOARD, LP-58
1607	3-672-241-00	o	RING (B), SLEEVE
1608	3-672-247-00	o	RING (A), SLEEVE
1609	3-680-395-01	o	SUPPORT, ROTARY
1610	3-685-129-01	o	SPRING (D), LAMP, VF
1611	3-723-258-03	o	STOPPER, ROTARY
1612	3-722-478-01	o	RING, O
1613	3-722-479-01	o	GUIDE, TUBE
1614	3-722-480-01	o	RING
1615	3-722-482-03	o	RETAINER, RING
1616	3-734-740-01	o	SUPPORT (D)
1617	3-722-485-01	o	ROLLER, SLIDE
1618	3-722-489-02	o	GUIDE, ROLLER
1619	3-725-281-03	o	PLATE (A), DISPLAY
1620	3-722-492-01	o	HOLDER, (B), LENS
1621	3-722-497-01	o	TUBE
1622	3-723-001-02	o	TUBE VF
1623	3-723-069-02	o	PROTECTOR, MIC
1624	3-729-099-02	o	MIRROR
1625	3-723-073-01	o	CUSHION, MIRROR
1626	3-723-075-01	o	RING, FILTER
1627	3-742-001-01	o	HOLDER, MIRROR (2)
1628	3-723-077-01	o	RING, ADJUSTMENT
1629	3-723-079-01	o	EYE CUP
1630	3-725-220-02	o	TUBE (A), CRT
1631	3-725-221-04	o	TUBE (B), CRT
1632	3-725-222-04	o	PACKING, RING
1633	7-627-553-47	o	SCREW, PRECISION F2x4
1634	7-627-557-48	o	SCREW, PRECISION F2.6x10
1635	3-729-052-01	o	SPACER, MASK
1636	3-742-004-01	o	RING, NYLON
1637	3-729-701-21	o	RUBBER (CARBON), CONDUCTIVE
1638	A-7612-336-A	o	PROTECTOR ASSY, MIC
1639	3-725-276-01	o	LOPE, VF
1640	3-734-739-01	o	SHEET, INSULATION, MASK
1641	3-165-162-01	o	SCREW #2.6x5 (TYPE 1)

BATTERY CASE

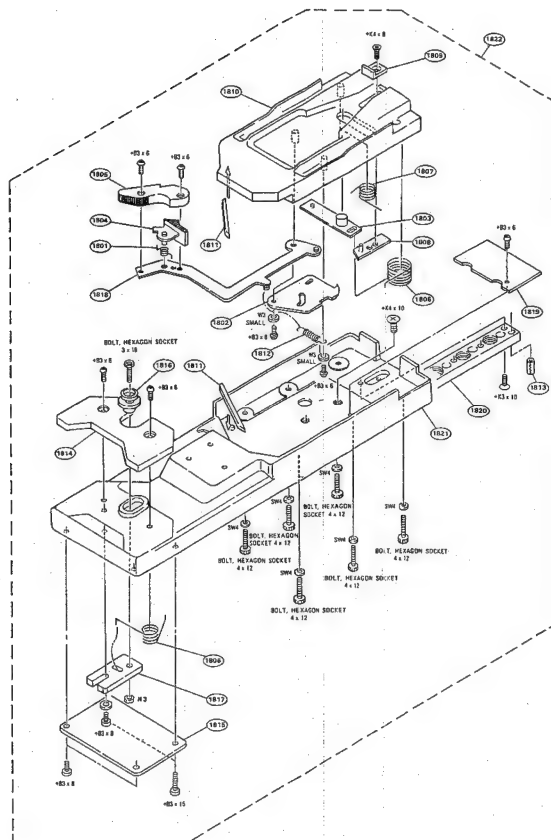
BATTERY CASE



No.	Part No.	SP	Description
1701	A-6703-651-C		* CASE ASSY, BATTERY
1702	X-3717-701-3		* COVER ASSY, TOP, BATTERY
1703	3-669-596-00		* WASHER (2.3), STOPPER
1704	3-703-073-00		* CAP 2, SHAFT
1705	3-717-707-02		* CUSHION (2)
1706	3-717-708-01		* RETAINER, CASE
1707	3-717-709-01		* SHAFT, LID
1708	3-718-040-01		* COVER (1), BATTERY CASE
1709	3-718-172-01		* RETAINER, HOOK

TRIPOD
VCT-14

TRIPOD TRIPOD



No.	Part No.	SP	Description
1801	2-381-431-01	o	SPRING
1802	2-381-632-01	o	ARM, LOCKER
1803	2-381-633-01	o	SOLENOID
1804	2-381-635-01	o	LEVER, LOCK
1805	2-381-636-01	o	KNOB
1806	2-381-637-01	o	SPRING
1807	2-381-638-01	o	SPRING
1808	2-381-640-01	o	DOG
1809	2-381-641-01	o	COLLAR
1810	2-381-642-01	o	MOUNT
1811	2-381-648-01	o	INSULATOR, KNOB
1812	2-381-652-01	o	SPRING, TENSION
1813	2-381-654-01	o	PIN, SPRING
1814	3-678-704-00	o	SPACER
1815	3-720-906-01	o	LID (S), REAR
1816	3-720-907-01	o	PIN (S), REAR
1817	3-720-908-01	o	TABLE (S), PIN, REAR
1818	3-720-909-01	o	KNOB, CRANK
1819	3-720-910-01	o	SHEET, SLIDE
1820	3-720-911-01	o	BASE, TRIPOD FITTING SCREW
1821	3-720-912-01	o	FRAME (S)
1822	OPTIONAL ACCESSORY: TRIPOD ADAPTOR "VCT-14"		

13-3. ELECTRICAL PARTS LIST

AFM-6P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6713-350-A	o MOUNTED CIRCUIT BOARD AFM-6
1pc	3-724-705-01	o PLATE (AFM-6), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-126-391-11	s ELECT 47uF 20% 6.3V
C2	1-126-391-11	s ELECT 47uF 20% 6.3V
C3	1-126-392-11	s ELECT 100uF 20% 6.3V
C4	1-163-093-00	s CERAMIC 10PF 5% 50V
C5	1-163-105-00	s CERAMIC 33PF 5% 50V
C6	1-163-101-00	s CERAMIC 22PF 5% 50V
C7	1-126-390-11	s ELECT 22uF 20% 6.3V
C8	1-126-390-11	s ELECT 22uF 20% 6.3V
C9	1-163-038-00	s CERAMIC 0.1uF 25V
C11	1-163-105-00	s CERAMIC 33PF 5% 50V
C12	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C13	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C14	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C15	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C16	1-163-105-00	s CERAMIC 33PF 5% 50V
C17	1-163-105-00	s CERAMIC 33PF 5% 50V
C18	1-163-101-00	s CERAMIC 22PF 5% 50V
C101	1-164-005-11	s CERAMIC 0.47uF 25V
C102	1-163-038-00	s CERAMIC 0.1uF 25V
C103	1-163-038-00	s CERAMIC 0.1uF 25V
C104	1-163-038-00	s CERAMIC 0.1uF 25V
C105	1-164-005-11	s CERAMIC 0.47uF 25V
C106	1-163-101-00	s CERAMIC 22PF 5% 50V
C107	1-163-038-00	s CERAMIC 0.1uF 25V
C108	1-164-005-11	s CERAMIC 0.47uF 25V
C109	1-163-038-00	s CERAMIC 0.1uF 25V
C110	1-163-109-00	s CERAMIC 47PF 5% 50V
C111	1-163-038-00	s CERAMIC 0.1uF 25V
C114	1-163-038-00	s CERAMIC 0.1uF 25V
C115	1-126-392-11	s ELECT 100uF 20% 6.3V
C116	1-163-038-00	s CERAMIC 0.1uF 25V
C117	1-126-391-11	s ELECT 47uF 20% 6.3V
C120	1-164-005-11	s CERAMIC 0.47uF 25V
C121	1-163-038-00	s CERAMIC 0.1uF 25V
C201	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C401	1-126-394-11	s ELECT 10uF 20% 16V
C402	1-126-390-11	s ELECT 22uF 20% 6.3V
C403	1-126-390-11	s ELECT 22uF 20% 6.3V
C404	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C405	1-126-390-11	s ELECT 22uF 20% 6.3V

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C501	1-126-394-11	s ELECT 10uF 20% 16V
C502	1-126-394-11	s ELECT 10uF 20% 16V
C503	1-126-394-11	s ELECT 10uF 20% 16V
C504	1-126-394-11	s ELECT 10uF 20% 16V
C505	1-163-125-00	s CERAMIC 220PF 5% 50V
C506	1-163-125-00	s CERAMIC 220PF 5% 50V
C507	1-163-133-00	s CERAMIC 470PF 5% 50V
C508	1-163-133-00	s CERAMIC 470PF 5% 50V
C509	1-163-038-00	s CERAMIC 0.1uF 25V
C510	1-163-038-00	s CERAMIC 0.1uF 25V
C515	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C516	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C519	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C520	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C529	1-126-390-11	s ELECT 22uF 20% 6.3V
C530	1-126-390-11	s ELECT 22uF 20% 6.3V
C541	1-163-137-00	s CERAMIC 680PF 5% 50V
C542	1-135-072-21	s TANTAL 0.22uF 10% 35V
C543	1-135-157-21	s TANTAL 10uF 10% 4V
C544	1-135-136-21	s TANTAL 6.8uF 10% 35V
C545	1-164-148-11	s CERAMIC 0.0082uF 5% 50V
C546	1-126-392-11	s ELECT 100uF 20% 6.3V
C547	1-163-088-00	s CERAMIC 5PF 0.25PF 50V
C548	1-164-147-11	s CERAMIC 0.0047uF 5% 50V
C549	1-136-160-00	s FILM 0.039uF 5% 50V
C550	1-163-125-00	s CERAMIC 220PF 5% 50V
C551	1-135-166-21	s TANTAL 47uF 20% 6.3V
C552	1-126-390-11	s ELECT 22uF 20% 6.3V
C553	1-126-390-11	s ELECT 22uF 20% 6.3V
C554	1-126-390-11	s ELECT 22uF 20% 6.3V
C555	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C556	1-163-137-00	s CERAMIC 680PF 5% 50V
C557	1-135-072-21	s TANTAL 0.22uF 10% 35V
C558	1-135-157-21	s TANTAL 10uF 10% 4V
C559	1-135-136-21	s TANTAL 6.8uF 10% 35V
C560	1-164-148-11	s CERAMIC 0.0082uF 5% 50V
C561	1-163-088-00	s CERAMIC 5PF 0.25PF 50V
C562	1-164-147-11	s CERAMIC 0.0047uF 5% 50V
C564	1-163-125-00	s CERAMIC 220PF 5% 50V
C565	1-136-160-00	s FILM 0.039uF 5% 50V
C566	1-135-166-21	s TANTAL 47uF 20% 6.3V
C567	1-126-390-11	s ELECT 22uF 20% 6.3V
C568	1-126-390-11	s ELECT 22uF 20% 6.3V
CN1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 50P
CN2	1-566-388-11	s PIN, CONNECTOR 2P
CNJ2	1-565-413-11	o RECEPTACLE, CONNECTOR 2P
CV1	1-141-370-11	s CAP. VAR, TRIMMER (CHIP)
CV2	1-141-370-11	s CAP. VAR, TRIMMER (CHIP)

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
CV3	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV4	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV101	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV102	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV103	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV104	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
D201	8-719-800-76	s DIODE 1SS226
D402	8-719-800-76	s DIODE 1SS226
D501	8-719-800-76	s DIODE 1SS226
D502	8-719-800-76	s DIODE 1SS226
D503	8-719-800-76	s DIODE 1SS226
D504	8-719-800-76	s DIODE 1SS226
D505	8-719-400-18	s DIODE MA152WK
D506	8-719-104-34	s DIODE 1S2836
FL1	1-236-019-11	s FILTER, LOW PASS (CHIP)
IC1	8-741-152-44	IC SBX1524-52
IC2	8-759-209-15	s IC TC4S069F
IC3	8-759-209-15	s IC TC4S069F
IC4	8-759-209-15	s IC TC4S069F
IC401	8-759-100-94	s IC UPC35862
IC501	1-236-003-11	s FILTER, LOW PASS
IC502	8-752-009-90	s IC CX20099
IC503	8-759-403-92	s IC AN6391NS
IC504	8-759-403-92	s IC AN6391NS
IC505	8-759-209-15	s IC TC4S069F
IC506	8-759-700-38	s IC NJM4559M
IC507	8-759-700-38	s IC NJM4559M
IC601	8-759-100-96	s IC UPC455862
L1	1-410-393-11	s INDUCTOR CHIP 100uH
L2	1-410-393-11	s INDUCTOR CHIP 100uH
L3	1-410-658-31	s INDUCTOR CHIP 220uH
L4	1-410-381-11	s INDUCTOR CHIP 10uH
L5	1-410-389-31	s INDUCTOR CHIP 47uH
L6	1-408-779-31	s INDUCTOR CHIP 15uH
L101	1-410-393-11	s INDUCTOR CHIP 100uH
L102	1-410-393-11	s INDUCTOR CHIP 100uH
Q1	8-729-905-12	s TRANSISTOR DTA144EU
Q2	8-729-905-18	s TRANSISTOR DTC144EU
Q3	8-729-905-18	s TRANSISTOR DTC144EU
Q4	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q5	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q6	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q7	8-729-117-72	s TRANSISTOR 2SC4178
Q8	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q9	8-729-117-72	s TRANSISTOR 2SC4178
Q101	8-729-117-72	s TRANSISTOR 2SC4178

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q102	8-729-905-12	s TRANSISTOR DTA144EU
Q103	8-729-117-72	s TRANSISTOR 2SC4178
Q104	8-729-117-72	s TRANSISTOR 2SC4178
Q105	8-729-117-72	s TRANSISTOR 2SC4178
Q106	8-729-117-72	s TRANSISTOR 2SC4178
Q107	8-729-117-72	s TRANSISTOR 2SC4178
Q108	8-729-117-72	s TRANSISTOR 2SC4178
Q109	8-729-109-44	s TRANSISTOR 2SK94
Q110	8-729-109-44	s TRANSISTOR 2SK94
Q111	8-729-109-44	s TRANSISTOR 2SK94
Q112	8-729-109-44	s TRANSISTOR 2SK94
Q113	8-729-117-72	s TRANSISTOR 2SC4178
Q115	8-729-905-12	s TRANSISTOR DTA144EU
Q121	8-729-109-44	s TRANSISTOR 2SK94
Q122	8-729-109-44	s TRANSISTOR 2SK94
Q123	8-729-109-44	s TRANSISTOR 2SK94
Q124	8-729-109-44	s TRANSISTOR 2SK94
Q155	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q156	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q157	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q158	8-729-109-44	s TRANSISTOR 2SK94
Q159	8-729-109-44	s TRANSISTOR 2SK94
Q160	8-729-109-44	s TRANSISTOR 2SK94
Q161	8-729-109-44	s TRANSISTOR 2SK94
Q170	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q201	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q202	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q401	8-729-807-50	s TRANSISTOR 2SD1623
Q402	8-729-905-18	s TRANSISTOR DTC144EU
Q501	8-729-209-07	s TRANSISTOR 2SC4213B
Q502	8-729-209-07	s TRANSISTOR 2SC4213B
Q503	8-729-209-07	s TRANSISTOR 2SC4213B
R1	1-216-833-11	s METAL 10K 5% 1/16W
R2	1-216-833-11	s METAL 10K 5% 1/16W
R3	1-216-832-11	s METAL 8.2K 5% 1/16W
R4	1-216-833-11	s METAL 10K 5% 1/16W
R5	1-216-828-11	s METAL 3.9K 5% 1/16W
R6	1-216-835-11	s METAL 15K 5% 1/16W
R7	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R8	1-216-680-11	s METAL 16K 0.50% 1/10W
R10	1-216-822-11	s METAL 1.2K 5% 1/16W
R11	1-216-828-11	s METAL 3.9K 5% 1/16W
R12	1-216-825-11	s METAL 2.2K 5% 1/16W
R13	1-216-835-11	s METAL 15K 5% 1/16W
R14	1-216-827-11	s METAL 3.3K 5% 1/16W
R15	1-216-821-11	s METAL 1K 5% 1/16W
R16	1-216-821-11	s METAL 1K 5% 1/16W

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R17	1-216-826-11	s METAL 2.7K 5% 1/16W
R18	1-216-824-11	s METAL 1.8K 5% 1/16W
R19	1-216-827-11	s METAL 3.3K 5% 1/16W
R20	1-216-825-11	s METAL 2.2K 5% 1/16W
R21	1-216-833-11	s METAL 10K 5% 1/16W
R22	1-216-833-11	s METAL 10K 5% 1/16W
R23	1-216-838-11	s METAL 27K 5% 1/16W
R24	1-216-829-11	s METAL 4.7K 5% 1/16W
R25	1-216-829-11	s METAL 4.7K 5% 1/16W
R26	1-216-823-11	s METAL 1.5K 5% 1/16W
R27	1-216-839-11	s METAL 33K 5% 1/16W
R28	1-216-837-11	s METAL 22K 5% 1/16W
R29	1-216-840-11	s METAL 39K 5% 1/16W
R32	1-216-817-11	s METAL 470 5% 1/16W
R33	1-216-818-11	s METAL 560 5% 1/16W
R101	1-216-825-11	s METAL 2.2K 5% 1/16W
R102	1-216-825-11	s METAL 2.2K 5% 1/16W
R103	1-218-288-11	s METAL 300 5% 1/16W
R104	1-216-821-11	s METAL 1K 5% 1/16W
R105	1-216-825-11	s METAL 2.2K 5% 1/16W
R106	1-216-825-11	s METAL 2.2K 5% 1/16W
R107	1-216-809-11	s METAL 100 5% 1/16W
R108	1-216-825-11	s METAL 2.2K 5% 1/16W
R109	1-216-825-11	s METAL 2.2K 5% 1/16W
R110	1-216-821-11	s METAL 1K 5% 1/16W
R111	1-216-805-11	s METAL 47 5% 1/16W
R112	1-216-821-11	s METAL 1K 5% 1/16W
R113	1-216-825-11	s METAL 2.2K 5% 1/16W
R114	1-216-821-11	s METAL 1K 5% 1/16W
R116	1-216-817-11	s METAL 470 5% 1/16W
R117	1-216-845-11	s METAL 100K 5% 1/16W
R118	1-216-837-11	s METAL 22K 5% 1/16W
R119	1-216-845-11	s METAL 100K 5% 1/16W
R120	1-216-837-11	s METAL 22K 5% 1/16W
R121	1-216-845-11	s METAL 100K 5% 1/16W
R122	1-216-837-11	s METAL 22K 5% 1/16W
R123	1-216-845-11	s METAL 100K 5% 1/16W
R124	1-216-837-11	s METAL 22K 5% 1/16W
R126	1-216-817-11	s METAL 470 5% 1/16W
R127	1-216-845-11	s METAL 100K 5% 1/16W
R128	1-216-817-11	s METAL 470 5% 1/16W
R129	1-216-845-11	s METAL 100K 5% 1/16W
R130	1-216-817-11	s METAL 470 5% 1/16W
R131	1-216-845-11	s METAL 100K 5% 1/16W
R132	1-216-817-11	s METAL 470 5% 1/16W
R133	1-216-845-11	s METAL 100K 5% 1/16W
R134	1-216-817-11	s METAL 470 5% 1/16W
R135	1-216-833-11	s METAL 10K 5% 1/16W
R136	1-216-840-11	s METAL 39K 5% 1/16W
R139	1-216-837-11	s METAL 22K 5% 1/16W

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R140	1-216-837-11	s METAL 22K 5% 1/16W
R141	1-216-814-11	s METAL 270 5% 1/16W
R142	1-216-845-11	s METAL 100K 5% 1/16W
R143	1-216-837-11	s METAL 22K 5% 1/16W
R144	1-216-845-11	s METAL 100K 5% 1/16W
R145	1-216-837-11	s METAL 22K 5% 1/16W
R146	1-216-845-11	s METAL 100K 5% 1/16W
R147	1-216-837-11	s METAL 22K 5% 1/16W
R148	1-216-845-11	s METAL 100K 5% 1/16W
R149	1-216-837-11	s METAL 22K 5% 1/16W
R150	1-216-833-11	s METAL 10K 5% 1/16W
R151	1-216-797-11	s METAL 10 5% 1/16W
R152	1-216-826-11	s METAL 2.7K 5% 1/16W
R153	1-216-826-11	s METAL 2.7K 5% 1/16W
R154	1-216-797-11	s METAL 10 5% 1/16W
R155	1-216-789-11	s METAL 2.2 5% 1/16W
R156	1-216-789-11	s METAL 2.2 5% 1/16W
R157	1-216-833-11	s METAL 10K 5% 1/16W
R158	1-216-833-11	s METAL 10K 5% 1/16W
R159	1-216-789-11	s METAL 2.2 5% 1/16W
R160	1-216-789-11	s METAL 2.2 5% 1/16W
R161	1-216-864-11	s METAL 0 5% 1/16W
R162	1-216-864-11	s METAL 0 5% 1/16W
R163	1-216-815-11	s METAL 330 5% 1/16W
R164	1-216-809-11	s METAL 100 5% 1/16W
R165	1-216-809-11	s METAL 100 5% 1/16W
R201	1-216-817-11	s METAL 470 5% 1/16W
R202	1-216-845-11	s METAL 100K 5% 1/16W
R203	1-216-829-11	s METAL 4.7K 5% 1/16W
R205	1-216-825-11	s METAL 2.2K 5% 1/16W
R206	1-216-821-11	s METAL 1K 5% 1/16W
R401	1-216-837-11	s METAL 22K 5% 1/16W
R402	1-216-837-11	s METAL 22K 5% 1/16W
R403	1-216-837-11	s METAL 22K 5% 1/16W
R404	1-216-825-11	s METAL 2.2K 5% 1/16W
R405	1-216-841-11	s METAL 47K 5% 1/16W
R406	1-216-817-11	s METAL 470 5% 1/16W
R503	1-216-829-11	s METAL 4.7K 5% 1/16W
R504	1-216-829-11	s METAL 4.7K 5% 1/16W
R505	1-216-833-11	s METAL 10K 5% 1/16W
R506	1-216-833-11	s METAL 10K 5% 1/16W
R507	1-216-845-11	s METAL 100K 5% 1/16W
R508	1-216-845-11	s METAL 100K 5% 1/16W
R509	1-218-302-11	s METAL 8.2K 1% 1/16W
R510	1-218-301-11	s METAL 3.9K 1% 1/16W
R511	1-216-825-11	s METAL 2.2K 5% 1/16W
R512	1-216-825-11	s METAL 2.2K 5% 1/16W
R517	1-216-845-11	s METAL 100K 5% 1/16W
R518	1-216-845-11	s METAL 100K 5% 1/16W
R541	1-218-300-11	s METAL 3.3K 1% 1/16W

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R542	1-218-299-11	s METAL 2.7K 1% 1/16W
R543	1-218-300-11	s METAL 3.3K 1% 1/16W
R544	1-216-830-11	s METAL 5.6K 5% 1/16W
R546	1-218-301-11	s METAL 3.9K 1% 1/16W
R547	1-218-304-11	s METAL 12K 1% 1/16W
R548	1-218-297-11	s METAL 680 1% 1/16W
R549	1-218-298-11	s METAL 2.2K 1% 1/16W
R550	1-218-299-11	s METAL 2.7K 1% 1/16W
R551	1-216-833-11	s METAL 10K 5% 1/16W
R552	1-216-825-11	s METAL 2.2K 5% 1/16W
R553	1-216-833-11	s METAL 10K 5% 1/16W
R554	1-218-299-11	s METAL 2.7K 1% 1/16W
R555	1-218-300-11	s METAL 3.3K 1% 1/16W
R556	1-218-300-11	s METAL 3.3K 1% 1/16W
R557	1-218-304-11	s METAL 12K 1% 1/16W
R558	1-218-301-11	s METAL 3.9K 1% 1/16W
R560	1-218-298-11	s METAL 2.2K 1% 1/16W
R561	1-218-297-11	s METAL 680 1% 1/16W
R562	1-218-299-11	s METAL 2.7K 1% 1/16W
R563	1-216-833-11	s METAL 10K 5% 1/16W
R564	1-216-825-11	s METAL 2.2K 5% 1/16W
R565	1-216-833-11	s METAL 10K 5% 1/16W
R572	1-216-830-11	s METAL 5.6K 5% 1/16W
R573	1-216-830-11	s METAL 5.6K 5% 1/16W
R574	1-216-848-11	s METAL 180K 5% 1/16W
R575	1-216-845-11	s METAL 100K 5% 1/16W
R576	1-216-832-11	s METAL 8.2K 5% 1/16W
R577	1-216-832-11	s METAL 8.2K 5% 1/16W
R578	1-218-318-11	s METAL 5.6K 1% 1/16W
R579	1-218-304-11	s METAL 12K 1% 1/16W
R580	1-218-298-11	s METAL 2.2K 1% 1/16W
R581	1-218-322-11	s METAL 47K 1% 1/16W
R582	1-218-322-11	s METAL 47K 1% 1/16W
R583	1-218-315-11	s METAL 1K 1% 1/16W
R584	1-218-303-11	s METAL 10K 1% 1/16W
R585	1-218-318-11	s METAL 5.6K 1% 1/16W
R586	1-218-304-11	s METAL 12K 1% 1/16W
R587	1-218-298-11	s METAL 2.2K 1% 1/16W
R588	1-216-841-11	s METAL 47K 5% 1/16W
R589	1-216-829-11	s METAL 4.7K 5% 1/16W
R590	1-218-315-11	s METAL 1K 1% 1/16W
R591	1-218-303-11	s METAL 10K 1% 1/16W
R601	1-216-664-11	s METAL 3.6K 0.5% 1/1W
R602	1-216-664-11	s METAL 3.6K 0.5% 1/1W
R603	1-216-664-11	s METAL 3.6K 0.5% 1/1W
R604	1-216-664-11	s METAL 3.6K 0.5% 1/1W
R605	1-216-657-11	s METAL 1.8K 0.5% 1/1W
R606	1-216-657-11	s METAL 1.8K 0.5% 1/1W
R607	1-216-657-11	s METAL 1.8K 0.5% 1/1W
R608	1-216-657-11	s METAL 1.8K 0.5% 1/1W

(AFM-6P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV1	1-230-868-11	s RES, ADJ. METAL 2.2K
RV2	1-230-869-11	s RES, ADJ. METAL 4.7K
RV3	1-230-868-11	s RES, ADJ. METAL 2.2K
RV4	1-230-874-11	s RES, ADJ. METAL 100K
RV5	1-230-869-11	s RES, ADJ. METAL 4.7K
RV6	1-237-034-11	s RES, ADJ. CERMET 2K
RV7	1-237-036-11	s RES, ADJ. CERMET 10K
RV8	1-230-871-11	s RES, ADJ. METAL 22K
RV10	1-237-032-11	s RES, ADJ. CERMET 500
RV101	1-230-869-11	s RES, ADJ. METAL 4.7K
RV102	1-230-869-11	s RES, ADJ. METAL 4.7K
RV103	1-230-869-11	s RES, ADJ. METAL 4.7K
RV104	1-230-869-11	s RES, ADJ. METAL 4.7K
RV107	1-230-866-11	s RES, ADJ. METAL 470
RV501	1-230-869-11	s RES, ADJ. METAL 4.7K
RV502	1-230-869-11	s RES, ADJ. METAL 4.7K
RV503	1-237-034-11	s RES, ADJ. CERMET 2K
RV504	1-237-034-11	s RES, ADJ. CERMET 2K
RV505	1-230-869-11	s RES, ADJ. METAL 4.7K
TH501	1-808-565-21	s THERMISTOR
TH502	1-808-565-21	s THERMISTOR

AT-49A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-944-A	o MOUNTED CIRCUIT BOARD, AT-49A
1pc	3-724-713-01	o PLATE (AT-49), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2. MIDDLE
C1	1-163-038-00	s CERAMIC 0.1uF 25V
C2	1-135-159-21	s TANTAL 10uF 10% 16V
C3	1-163-038-00	s CERAMIC 0.1uF 25V
C4	1-135-159-21	s TANTAL 10uF 10% 16V
C5	1-163-038-00	s CERAMIC 0.1uF 25V
C6	1-135-159-21	s TANTAL 10uF 10% 16V
C7	1-135-159-21	s TANTAL 10uF 10% 16V
C8	1-163-038-00	s CERAMIC 0.1uF 25V
C9	1-135-159-21	s TANTAL 10uF 10% 16V
C10	1-163-038-00	s CERAMIC 0.1uF 25V
C11	1-163-038-00	s CERAMIC 0.1uF 25V
C12	1-163-038-00	s CERAMIC 0.1uF 25V
C13	1-163-038-00	s CERAMIC 0.1uF 25V
C14	1-163-038-00	s CERAMIC 0.1uF 25V
C15	1-163-117-00	s CERAMIC 100PF 5% 50V
C16	1-162-637-11	s CERAMIC 0.47uF 16V
C17	1-163-125-00	s CERAMIC 220PF 5% 50V
C18	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C19	1-135-097-21	s TANTAL 15uF 10% 10V
C20	1-163-101-00	s CERAMIC 22PF 5% 50V
C21	1-127-558-11	s BLECTSOLID 20 10V
C22	1-163-038-00	s CERAMIC 0.1uF 25V
C23	1-163-101-00	s CERAMIC 22PF 5% 50V
C24	1-127-558-11	s BLECTSOLID 20 10V
C25	1-163-105-00	s CERAMIC 33PF 5% 50V
C26	1-163-105-00	s CERAMIC 33PF 5% 50V
C27	1-163-038-00	s CERAMIC 0.1uF 25V
C28	1-135-166-21	s TANTAL 47uF 20% 6.3V
C29	1-163-038-00	s CERAMIC 0.1uF 25V
C30	1-163-038-00	s CERAMIC 0.1uF 25V
C31	1-135-097-21	s TANTAL 15uF 10% 10V
C32	1-164-161-11	s CERAMIC 0.0022uF 10% 50V
C34	1-163-038-00	s CERAMIC 0.1uF 25V
C36	1-135-070-00	s TANTAL 0.1uF 10% 35V
C37	1-163-038-00	s CERAMIC 0.1uF 25V
C38	1-135-076-21	s TANTAL 1uF 10% 35V
C39	1-135-155-21	s TANTAL 4.7uF 10% 10V
C40	1-162-638-11	s CERAMIC 1uF 16V
C41	1-162-638-11	s CERAMIC 1uF 16V
CW1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 50P

(AT-49A BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D1	8-719-104-34	s DIODE 1S2836
D2	8-719-104-34	s DIODE 1S2836
D3	8-719-800-76	s DIODE 1SS226
D4	8-719-104-34	s DIODE 1S2836
IC1	1-807-412-12	s IC BH-1219A
IC2	1-807-413-11	s IC BH-1220
IC3	1-807-414-11	s IC BH-1221
IC4	8-759-200-79	s IC TC4049BF
IC5	8-759-906-54	s IC TL064CNS
IC6	8-759-009-05	s IC MC140518P
IC7	8-759-101-12	s IC UPC31162
IC8	8-759-918-65	s IC TL7700CPS
IC9	8-759-204-79	s IC TC40H241F
IC10	8-759-906-53	s IC TL062CPS
IC11	8-759-400-89	s IC MN1237AD
IC12	8-741-100-58	s IC BX-1179A
IC13	8-759-906-53	s IC TL062CPS
IC14	8-759-321-94	s IC HD6305YD067P
IC16	8-759-906-53	s IC TL062CPS
IC17	8-752-330-59	s IC CXK1011P
Q1	8-729-216-22	s TRANSISTOR 2SA1162
Q2	8-729-109-44	s TRANSISTOR 2SK34
Q3	8-729-100-66	s TRANSISTOR 2SC1623
Q4	8-729-100-66	s TRANSISTOR 2SC1623
Q6	8-729-216-22	s TRANSISTOR 2SA1162
Q7	8-729-216-22	s TRANSISTOR 2SA1162
R1	1-216-047-00	s METAL 820 5% 1/10W
R2	1-216-097-00	s METAL 100K 5% 1/10W
R4	1-216-081-00	s METAL 22K 5% 1/10W
R5	1-216-097-00	s METAL 100K 5% 1/10W
R6	1-216-097-00	s METAL 100K 5% 1/10W
R7	1-216-097-00	s METAL 100K 5% 1/10W
R8	1-216-097-00	s METAL 100K 5% 1/10W
R9	1-216-097-00	s METAL 100K 5% 1/10W
R10	1-216-097-00	s METAL 100K 5% 1/10W
R13	1-216-073-00	s METAL 10K 5% 1/10W
R14	1-216-097-00	s METAL 100K 5% 1/10W
R17	1-216-065-00	s METAL 4.7K 5% 1/10W
R18	1-216-085-00	s METAL 33K 5% 1/10W
R19	1-216-065-00	s METAL 4.7K 5% 1/10W
R20	1-216-077-00	s METAL 15K 5% 1/10W
R21	1-216-097-00	s METAL 100K 5% 1/10W
R22	1-216-121-00	s METAL 1M 5% 1/10W
R23	1-216-049-00	s METAL 1K 5% 1/10W
R24	1-216-049-00	s METAL 1K 5% 1/10W
R27	1-216-097-00	s METAL 100K 5% 1/10W

(AT-49A BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R28	1-216-049-00	s METAL 1K 5% 1/10W
R29	1-216-049-00	s METAL 1K 5% 1/10W
R30	1-216-049-00	s METAL 1K 5% 1/10W
R31	1-216-049-00	s METAL 1K 5% 1/10W
R32	1-216-049-00	s METAL 1K 5% 1/10W
R33	1-216-049-00	s METAL 1K 5% 1/10W
R34	1-216-049-00	s METAL 1K 5% 1/10W
R35	1-216-049-00	s METAL 1K 5% 1/10W
R36	1-216-049-00	s METAL 1K 5% 1/10W
R37	1-216-049-00	s METAL 1K 5% 1/10W
R39	1-216-073-00	s METAL 10K 5% 1/10W
R40	1-216-073-00	s METAL 10K 5% 1/10W
R41	1-216-081-00	s METAL 22K 5% 1/10W
R43	1-216-065-00	s METAL 4.7K 5% 1/10W
R44	1-216-049-00	s METAL 1K 5% 1/10W
R45	1-216-081-00	s METAL 22K 5% 1/10W
R46	1-216-073-00	s METAL 10K 5% 1/10W
R47	1-216-073-00	s METAL 10K 5% 1/10W
R48	1-216-073-00	s METAL 10K 5% 1/10W
R49	1-216-073-00	s METAL 10K 5% 1/10W
R50	1-216-073-00	s METAL 10K 5% 1/10W
R51	1-216-097-00	s METAL 100K 5% 1/10W
R52	1-216-689-11	s METAL 39K 0.5% 1/10W
R55	1-216-081-00	s METAL 22K 5% 1/10W
R56	1-216-081-00	s METAL 22K 5% 1/10W
R57	1-216-073-00	s METAL 10K 5% 1/10W
R61	1-216-121-00	s METAL 1M 5% 1/10W
R62	1-216-121-00	s METAL 1M 5% 1/10W
R64	1-216-073-00	s METAL 10K 5% 1/10W
R65	1-216-073-00	s METAL 10K 5% 1/10W
R66	1-216-089-00	s METAL 47K 5% 1/10W
R67	1-216-073-00	s METAL 10K 5% 1/10W
R68	1-216-097-00	s METAL 100K 5% 1/10W
R69	1-216-097-00	s METAL 100K 5% 1/10W
R70	1-216-049-00	s METAL 1K 5% 1/10W
R72	1-216-657-11	s METAL 1.8K 0.5% 1/10W
R73	1-216-681-11	s METAL 18K 0.5% 1/10W
R76	1-216-117-00	s METAL 680K 5% 1/10W
R78	1-216-073-00	s METAL 10K 5% 1/10W
R79	1-216-097-00	s METAL 100K 5% 1/10W
R80	1-216-049-00	s METAL 1K 5% 1/10W
R81	1-216-049-00	s METAL 1K 5% 1/10W
R82	1-216-049-00	s METAL 1K 5% 1/10W
R83	1-216-097-00	s METAL 100K 5% 1/10W
R85	1-216-097-00	s METAL 100K 5% 1/10W
R87	1-216-097-00	s METAL 100K 5% 1/10W
R88	1-216-049-00	s METAL 1K 5% 1/10W
R89	1-216-097-00	s METAL 100K 5% 1/10W
R90	1-216-097-00	s METAL 100K 5% 1/10W
R92	1-216-047-00	s METAL 820 5% 1/10W

(AT-49A BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R93	1-216-039-00	s METAL 390 5% 1/10W
R94	1-216-090-00	s METAL 51K 5% 1/10W
R95	1-216-073-00	s METAL 10K 5% 1/10W
R96	1-216-057-00	s METAL 2.2K 5% 1/10W
R97	1-216-057-00	s METAL 2.2K 5% 1/10W
R98	1-216-057-00	s METAL 2.2K 5% 1/10W
R99	1-216-057-00	s METAL 2.2K 5% 1/10W
R81	1-235-813-11	s NETWORK RESISTOR
R82	1-235-813-11	s NETWORK RESISTOR
R83	1-231-387-00	s NETTY, RES
RV1	1-237-034-11	s RES, ADJ, CERMET 2K
RV2	1-228-474-00	s RES, ADJ, CERMET 10K
RV4	1-237-035-11	s RES, ADJ, CERMET 5K
S1	1-570-598-11	s SWITCH, DIP
S2	1-570-857-11	s SWITCH, SLIDE
X1	1-567-192-11	s RESONATOR, CERAMIC 4.0MHz

AU-97P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6713-351-A	o MOUNTED CIRCUIT BOARD
1pc	3-724-704-01	o PLATE (AU-97), ORNAMENTAL
1pc	3-724-753-01	o RING
1pc	3-729-031-01	o CASE (AU-1), SHIELD
1pc	3-729-032-01	o CASE (AU-2), SHIELD
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-126-394-11	s ELECT 10uF 20% 16V
C2	1-135-091-00	s TANTAL 1uF 10% 16V
C3	1-126-101-11	s ELECT 100uF 20% 16V
C5	1-126-394-11	s ELECT 10uF 20% 16V
C6	1-126-394-11	s ELECT 10uF 20% 16V
C7	1-126-394-11	s ELECT 10uF 20% 16V
C8	1-126-394-11	s ELECT 10uF 20% 16V
C9	1-126-394-11	s ELECT 10uF 20% 16V
C10	1-126-394-11	s ELECT 10uF 20% 16V
C11	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C12	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C13	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C14	1-124-478-11	s ELECT 100uF 20% 25V
C15	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C16	1-127-495-00	s ELCTSOLID 20 16V
C17	1-163-038-00	s CERAMIC 0.1uF 25V
C18	1-126-394-11	s ELECT 10uF 20% 16V
C30	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C31	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C32	1-163-129-00	s CERAMIC 330PF 5% 50V
C34	1-109-631-00	s MICA 330PF 5% 500V
C102	1-126-394-11	s ELECT 10uF 20% 16V
C103	1-135-070-00	s TANTAL 0.1uF 10% 35V
C104	1-126-394-11	s ELECT 10uF 20% 16V
C105	1-126-394-11	s ELECT 10uF 20% 16V
C106	1-126-394-11	s ELECT 10uF 20% 16V
C111	1-163-093-00	s CERAMIC 10PF 5% 50V
C112	1-164-161-11	s CERAMIC 0.0022uF 5% 50V
C113	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C114	1-126-394-11	s ELECT 10uF 20% 16V
C121	1-163-093-00	s CERAMIC 10PF 5% 50V
C122	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C123	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C124	1-126-394-11	s ELECT 10uF 20% 16V
C126	1-163-133-00	s CERAMIC 470PF 5% 50V
C130	1-163-038-00	s CERAMIC 0.1uF 25V
C131	1-163-018-00	s CERAMIC 0.0056uF 10% 50V
C132	1-135-073-00	s TANTAL 0.33uF 10% 35V
C133	1-163-023-00	s CERAMIC 0.015uF 5% 50V
C134	1-126-394-11	s ELECT 10uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP Description
C135	1-164-232-11	s CERAMIC 0.01uF 5% 50V
C136	1-163-117-00	s CERAMIC 100PF 5% 50V
C138	1-109-631-00	s MICA 330PF 5% 500V
C139	1-163-038-00	s CERAMIC 0.1uF 25V
C202	1-126-394-11	s ELECT 10uF 20% 16V
C203	1-135-070-00	s TANTAL 0.1uF 10% 35V
C204	1-126-394-11	s ELECT 10uF 20% 16V
C211	1-163-093-00	s CERAMIC 10PF 5% 50V
C212	1-164-161-11	s CERAMIC 0.0022uF 5% 50V
C213	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C214	1-126-394-11	s ELECT 10uF 20% 16V
C221	1-163-093-00	s CERAMIC 10PF 5% 50V
C222	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C223	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C224	1-126-394-11	s ELECT 10uF 20% 16V
C226	1-163-133-00	s CERAMIC 470PF 5% 50V
C230	1-163-038-00	s CERAMIC 0.1uF 25V
C231	1-163-018-00	s CERAMIC 0.0056uF 10% 50V
C232	1-135-073-00	s TANTAL 0.33uF 10% 35V
C233	1-163-023-00	s CERAMIC 0.015uF 5% 50V
C234	1-126-394-11	s ELECT 10uF 20% 16V
C235	1-164-232-11	s CERAMIC 0.01uF 5% 50V
C236	1-163-117-00	s CERAMIC 100PF 5% 50V
C238	1-109-631-00	s MICA 330PF 5% 500V
C239	1-163-038-00	s CERAMIC 0.1uF 25V
C304	1-126-394-11	s ELECT 10uF 20% 16V
C305	1-164-232-11	s CERAMIC 0.01uF 5% 50V
C306	1-126-394-11	s ELECT 10uF 20% 16V
C307	1-163-125-00	s CERAMIC 220PF 5% 50V
C308	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C309	1-126-394-11	s ELECT 10uF 20% 16V
C310	1-164-232-11	s CERAMIC 0.01uF 5% 50V
C404	1-126-394-11	s ELECT 10uF 20% 16V
C405	1-164-232-11	s CERAMIC 0.01uF 5% 50V
C406	1-126-394-11	s ELECT 10uF 20% 16V
C407	1-163-125-00	s CERAMIC 220PF 5% 50V
C408	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C409	1-126-394-11	s ELECT 10uF 20% 16V
C410	1-164-232-11	s CERAMIC 0.01uF 5% 50V
CN1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 50P
CT1	1-459-865-11	s COIL, VARIABLE
CV131	1-141-393-11	s CAP, VAR, TRIMMER
CV231	1-141-393-11	s CAP, VAR, TRIMMER
D1	8-719-941-86	s DIODE DAN202U
D101	8-719-941-23	s DIODE DA204U
D201	8-719-941-23	s DIODE DA204U

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Ref. No. or Q'ty	Part No.	SP Description
IC1	8-757-991-00	s IC CX7991
IC2	8-759-630-27	s IC M5236ML
IC102	8-741-148-90	s IC SBK1489-01
IC111	8-759-702-06	s IC NJM064M
IC112	8-759-009-07	s IC MC14053BF
IC131	8-759-702-02	s IC NJM062M
IC211	8-759-702-06	s IC NJM064M
IC301	8-759-981-58	s IC RC2043MD
IC302	8-759-009-07	s IC MC14053BF
IC401	8-759-981-58	s IC RC2043MD
L1	1-408-429-00	s INDUCTOR 470uH
L3	1-412-279-41	s INDUCTOR 270uH
L4	1-412-279-41	s INDUCTOR 270uH
L5	1-412-279-41	s INDUCTOR 270uH
L6	1-408-421-00	s INDUCTOR 100uH
LV111	1-410-854-12	s COIL, VARIABLE
LV121	1-410-854-12	s COIL, VARIABLE
LV131	1-410-853-12	s COIL, VARIABLE
LV211	1-410-854-12	s COIL, VARIABLE
LV221	1-410-854-12	s COIL, VARIABLE
LV231	1-410-853-12	s COIL, VARIABLE
Q1	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q2	8-729-905-18	s TRANSISTOR DTC144EU
Q3	8-729-905-18	s TRANSISTOR DTC144EU
Q4	8-729-905-12	s TRANSISTOR DTA144EU
Q8	8-729-905-12	s TRANSISTOR DTA144EU
Q9	8-729-159-64	s TRANSISTOR 2SD596
Q10	8-729-159-64	s TRANSISTOR 2SD596
Q11	8-729-905-12	s TRANSISTOR DTA144EU
Q12	8-729-159-64	s TRANSISTOR 2SD596
Q13	8-729-159-64	s TRANSISTOR 2SD596
Q14	8-729-209-07	s TRANSISTOR 2SC4213B
Q15	8-729-209-07	s TRANSISTOR 2SC4213B
Q16	8-729-901-46	s TRANSISTOR UTAL14YK
Q17	8-729-905-18	s TRANSISTOR DTC144EU
Q18	8-729-101-07	s TRANSISTOR 2SB798-DL
Q131	8-729-209-07	s TRANSISTOR 2SC4213B
Q132	8-729-209-07	s TRANSISTOR 2SC4213B
Q231	8-729-209-07	s TRANSISTOR 2SC4213B
Q232	8-729-209-07	s TRANSISTOR 2SC4213B
Q301	8-729-209-07	s TRANSISTOR 2SC4213B
Q302	8-729-209-07	s TRANSISTOR 2SC4213B
Q303	8-729-220-93	s TRANSISTOR 2SK209G
Q304	8-729-905-18	s TRANSISTOR DTC144EU
Q401	8-729-209-07	s TRANSISTOR 2SC4213B
Q402	8-729-209-07	s TRANSISTOR 2SC4213B

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Ref. No. or Q'ty	Part No.	SP Description
Q403	8-729-220-93	s TRANSISTOR 2SK209G
Q404	8-729-905-18	s TRANSISTOR DTC144EU
Q405	8-729-905-18	s TRANSISTOR DTC144EU
R1	1-216-849-11	s METAL 220K 5% 1/16W
R2	1-216-845-11	s METAL 100K 5% 1/16W
R3	1-216-849-11	s METAL 220K 5% 1/16W
R4	1-216-849-11	s METAL 220K 5% 1/16W
R5	1-216-845-11	s METAL 100K 5% 1/16W
R6	1-216-841-11	s METAL 47K 5% 1/16W
R7	1-216-841-11	s METAL 47K 5% 1/16W
R8	1-216-845-11	s METAL 100K 5% 1/16W
R12	1-216-825-11	s METAL 2.2K 5% 1/16W
R13	1-216-841-11	s METAL 47K 5% 1/16W
R16	1-216-825-11	s METAL 2.2K 5% 1/16W
R17	1-216-825-11	s METAL 2.2K 5% 1/16W
R18	1-216-841-11	s METAL 47K 5% 1/16W
R19	1-216-017-00	s METAL 47 5% 1/10W
R22	1-216-825-11	s METAL 2.2K 5% 1/16W
R23	1-216-841-11	s METAL 47K 5% 1/16W
R25	1-216-849-11	s METAL 220K 5% 1/16W
R26	1-216-837-11	s METAL 22K 5% 1/16W
R30	1-216-837-11	s METAL 22K 5% 1/16W
R31	1-216-837-11	s METAL 22K 5% 1/16W
R32	1-216-833-11	s METAL 10K 5% 1/16W
R33	1-216-813-11	s METAL 220 5% 1/16W
R34	1-216-685-11	s METAL 27K 0.5% 1/10W
R35	1-216-664-11	s METAL 3.6K 0.5% 1/10W
R36	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R37	1-216-835-11	s METAL 15K 5% 1/16W
R38	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R39	1-216-833-11	s METAL 10K 5% 1/16W
R40	1-216-833-11	s METAL 10K 5% 1/16W
R41	1-216-045-00	s METAL 680 5% 1/10W
R111	1-216-845-11	s METAL 100K 5% 1/16W
R112	1-216-844-11	s METAL 82K 5% 1/16W
R113	1-216-823-11	s METAL 1.5K 5% 1/16W
R114	1-216-833-11	s METAL 10K 5% 1/16W
R115	1-216-821-11	s METAL 1K 5% 1/16W
R116	1-216-833-11	s METAL 10K 5% 1/16W
R117	1-216-837-11	s METAL 22K 5% 1/16W
R118	1-216-825-11	s METAL 2.2K 5% 1/16W
R120	1-216-844-11	s METAL 82K 5% 1/16W
R121	1-216-844-11	s METAL 82K 5% 1/16W
R123	1-216-825-11	s METAL 2.2K 5% 1/16W
R124	1-216-833-11	s METAL 10K 5% 1/16W
R125	1-216-821-11	s METAL 1K 5% 1/16W
R126	1-216-833-11	s METAL 10K 5% 1/16W
R127	1-216-837-11	s METAL 22K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R128	1-216-825-11	s METAL 2.2K 5% 1/16W
R129	1-216-842-11	s METAL 56K 5% 1/16W
R131	1-216-833-11	s METAL 10K 5% 1/16W
R132	1-216-833-11	s METAL 10K 5% 1/16W
R133	1-216-845-11	s METAL 100K 5% 1/16W
R134	1-216-847-11	s METAL 150K 5% 1/16W
R135	1-216-839-11	s METAL 33K 5% 1/16W
R136	1-218-304-11	s METAL 12K 1% 1/16W
R137	1-216-846-11	s METAL 120K 5% 1/16W
R138	1-216-813-11	s METAL 220 5% 1/16W
R139	1-216-841-11	s METAL 47K 5% 1/16W
R140	1-216-833-11	s METAL 10K 5% 1/16W
R141	1-216-835-11	s METAL 15K 5% 1/16W
R142	1-216-844-11	s METAL 82K 5% 1/16W
R143	1-218-306-11	s METAL 100K 1% 1/16W
R211	1-216-845-11	s METAL 100K 5% 1/16W
R212	1-216-844-11	s METAL 82K 5% 1/16W
R213	1-216-823-11	s METAL 1.5K 5% 1/16W
R214	1-216-833-11	s METAL 10K 5% 1/16W
R215	1-216-829-11	s METAL 4.7K 5% 1/16W
R216	1-216-833-11	s METAL 10K 5% 1/16W
R217	1-216-837-11	s METAL 22K 5% 1/16W
R218	1-216-823-11	s METAL 2.2K 5% 1/16W
R220	1-216-844-11	s METAL 82K 5% 1/16W
R221	1-216-844-11	s METAL 82K 5% 1/16W
R223	1-216-825-11	s METAL 2.2K 5% 1/16W
R224	1-216-833-11	s METAL 10K 5% 1/16W
R225	1-216-829-11	s METAL 4.7K 5% 1/16W
R226	1-216-833-11	s METAL 10K 5% 1/16W
R227	1-216-837-11	s METAL 22K 5% 1/16W
R228	1-216-825-11	s METAL 2.2K 5% 1/16W
R229	1-216-842-11	s METAL 56K 5% 1/16W
R231	1-216-833-11	s METAL 10K 5% 1/16W
R232	1-216-833-11	s METAL 10K 5% 1/16W
R233	1-216-845-11	s METAL 100K 5% 1/16W
R234	1-216-847-11	s METAL 150K 5% 1/16W
R235	1-216-839-11	s METAL 33K 5% 1/16W
R236	1-218-304-11	s METAL 12K 1% 1/16W
R237	1-216-846-11	s METAL 120K 5% 1/16W
R238	1-216-813-11	s METAL 220 5% 1/16W
R239	1-216-841-11	s METAL 47K 5% 1/16W
R240	1-216-833-11	s METAL 10K 5% 1/16W
R241	1-216-835-11	s METAL 15K 5% 1/16W
R242	1-216-844-11	s METAL 82K 5% 1/16W
R243	1-218-306-11	s METAL 100K 1% 1/16W
R301	1-216-825-11	s METAL 2.2K 5% 1/16W
R302	1-216-821-11	s METAL 1K 5% 1/16W
R303	1-216-822-11	s METAL 1.2K 5% 1/16W
R304	1-216-849-11	s METAL 220K 5% 1/16W
R305	1-216-821-11	s METAL 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R306	1-216-825-11	s METAL 2.2K 5% 1/16W
R307	1-216-839-11	s METAL 33K 5% 1/16W
R308	1-216-817-11	s METAL 470 5% 1/16W
R309	1-216-829-11	s METAL 4.7K 5% 1/16W
R310	1-216-685-11	s METAL 27K 0.5% 1/10W
R311	1-216-665-11	s METAL 3.9K 0.5% 1/10W
R312	1-216-679-11	s METAL 15K 0.5% 1/10W
R314	1-216-857-11	s METAL 1M 5% 1/16W
R315	1-216-857-11	s METAL 1M 5% 1/16W
R316	1-216-658-11	s METAL 2K 0.5% 1/10W
R317	1-216-675-11	s METAL 10K 0.5% 1/10W
R318	1-216-833-11	s METAL 10K 5% 1/16W
R319	1-216-813-11	s METAL 220 5% 1/16W
R320	1-216-821-11	s METAL 1K 5% 1/16W
R321	1-216-821-11	s METAL 1K 5% 1/16W
R401	1-216-825-11	s METAL 2.2K 5% 1/16W
R402	1-216-821-11	s METAL 1K 5% 1/16W
R403	1-216-822-11	s METAL 1.2K 5% 1/16W
R404	1-216-849-11	s METAL 220K 5% 1/16W
R405	1-216-821-11	s METAL 1K 5% 1/16W
R406	1-216-825-11	s METAL 2.2K 5% 1/16W
R407	1-216-839-11	s METAL 33K 5% 1/16W
R408	1-216-817-11	s METAL 470 5% 1/16W
R409	1-216-829-11	s METAL 4.7K 5% 1/16W
R410	1-216-685-11	s METAL 27K 0.5% 1/10W
R411	1-216-665-11	s METAL 3.9K 0.5% 1/10W
R412	1-216-679-11	s METAL 15K 0.5% 1/10W
R413	1-216-837-11	s METAL 22K 5% 1/16W
R414	1-216-857-11	s METAL 1M 5% 1/16W
R415	1-216-857-11	s METAL 1M 5% 1/16W
R416	1-216-658-11	s METAL 2K 0.5% 1/10W
R417	1-216-675-11	s METAL 10K 0.5% 1/10W
R418	1-216-833-11	s METAL 10K 5% 1/16W
R419	1-216-813-11	s METAL 220 5% 1/16W
RV1	1-237-031-11	s RES, ADJ, METAL 200
RV2	1-237-032-11	s RES, ADJ, METAL 500
RV101	1-237-036-11	s RES, ADJ, METAL 10K
RV111	1-230-869-11	s RES, ADJ, METAL 4.7K
RV112	1-237-037-11	s RES, ADJ, METAL 20K
RV113	1-237-036-11	s RES, ADJ, METAL 10K
RV121	1-230-869-11	s RES, ADJ, METAL 4.7K
RV122	1-237-037-11	s RES, ADJ, METAL 20K
RV123	1-237-036-11	s RES, ADJ, METAL 10K
RV201	1-237-036-11	s RES, ADJ, METAL 10K
RV211	1-230-869-11	s RES, ADJ, METAL 4.7K
RV212	1-237-037-11	s RES, ADJ, METAL 20K
RV221	1-230-869-11	s RES, ADJ, METAL 4.7K
RV222	1-237-037-11	s RES, ADJ, METAL 20K
RV301	1-237-032-11	s RES, ADJ, METAL 500

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Ref. No. or Q'ty	Part No.	SP Description
RV302	1-237-035-11	s RES. ADJ. METAL 5K
RV303	1-237-036-11	s RES. ADJ. METAL 10K
RV401	1-237-032-11	s RES. ADJ. METAL 500
RV402	1-237-035-11	s RES. ADJ. METAL 5K
RV403	1-237-036-11	s RES. ADJ. METAL 10K

DR-84 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-942-A	o MOUNTED CIRCUIT BOARD, DR-84
C1	1-163-038-00	s CERAMIC 0.1uF 25V
C2	1-163-101-00	s CERAMIC 22PF 5% 50V
C3	1-163-125-00	s CERAMIC 220PF 5% 50V
C4	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C5	1-131-367-00	s TANTALUM 22uF 10% 16V
C21	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C22	1-131-365-00	s TANTALUM 10uF 10% 16V
C23	1-131-365-00	s TANTALUM 10uF 10% 16V
C24	1-131-361-00	s TANTALUM 2.2uF 10% 20V
C25	1-131-374-00	s TANTALUM 33uF 10% 16V
C26	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C27	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C28	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C29	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C30	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C31	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C32	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C33	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C35	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C36	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C37	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C38	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C39	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C40	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C41	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C42	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C43	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C44	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C45	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C46	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C47	1-131-365-00	s TANTALUM 10uF 10% 16V
C48	1-124-360-00	s ELECT 1000uF 20% 16V
C49	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C50	1-131-353-00	s TANTALUM 10uF 10% 35V
C51	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C52	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C53	1-163-038-00	s CERAMIC 0.1uF 25V
C54	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C55	1-131-341-00	s TANTALUM 0.1uF 10% 35V
C56	1-131-341-00	s TANTALUM 0.1uF 10% 35V
C57	1-131-341-00	s TANTALUM 0.1uF 10% 35V
C58	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C59	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C60	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C61	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C62	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C63	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C64	1-131-368-00	s TANTALUM 3.3uF 10% 16V

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Ref. No. or Q'ty	Part No.	SP Description
C65	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C66	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C67	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C69	1-124-122-11	s ELECT 100uF 20% 35V
C71	1-131-347-00	s TANTALUM 1uF 10% 35V
C72	1-135-152-21	s TANTAL 1.5uF 10% 35V
CN1	1-506-472-11	s PIN, CONNECTOR 7P
CN2	1-563-238-11	s PIN, CONNECTOR 15P
CN3	1-563-292-11	s CONNECTOR (P) 30P
D1	8-719-104-34	s DIODE 1S2836
D2	8-719-104-34	s DIODE 1S2836
D3	8-719-400-18	s DIODE MA152WK
D4	8-719-400-18	s DIODE MA152WK
D5	8-719-400-18	s DIODE MA152WK
D6	8-719-400-18	s DIODE MA152WK
D7	8-719-400-18	s DIODE MA152WK
D8	8-719-400-18	s DIODE MA152WK
D9	8-719-400-18	s DIODE MA152WK
D10	8-719-800-76	s DIODE 1SS226
D11	8-719-104-34	s DIODE 1S2836
D12	8-719-104-34	s DIODE 1S2836
D13	8-719-104-34	s DIODE 1S2836
D14	8-719-104-34	s DIODE 1S2836
D15	8-719-400-18	s DIODE MA152WK
D16	8-719-400-18	s DIODE MA152WK
D17	8-719-104-34	s DIODE 1S2836
D18	8-719-104-34	s DIODE 1S2836
D19	8-719-104-34	s DIODE 1S2836
D20	8-719-104-34	s DIODE 1S2836
D21	8-719-400-18	s DIODE MA152WK
D22	8-719-400-18	s DIODE MA152WK
D23	8-719-400-18	s DIODE MA152WK
D24	8-719-800-76	s DIODE 1SS226
IC1	8-752-031-03	s IC CXA1065M
IC2	8-752-031-03	s IC CXA1065M
IC3	8-752-031-03	s IC CXA1065M
IC4	8-759-979-69	s IC TSC426C0A
Q1	8-729-100-66	s TRANSISTOR 2SC1623
Q2	8-729-101-00	s TRANSISTOR NTM2369
Q3	8-729-112-65	s TRANSISTOR 2SA1462
Q4	8-729-112-65	s TRANSISTOR 2SA1462
Q5	8-729-101-00	s TRANSISTOR NTM2369
Q6	8-729-100-66	s TRANSISTOR 2SC1623
Q7	8-729-216-22	s TRANSISTOR 2SA812
Q8	8-729-100-66	s TRANSISTOR 2SC1623
Q9	8-729-100-66	s TRANSISTOR 2SC1623
Q10	8-729-216-22	s TRANSISTOR 2SA812

(DR-84 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q11	8-729-216-22	s TRANSISTOR 2SA1162
Q12	8-729-802-45	s TRANSISTOR 2SK125-5
Q13	8-729-100-66	s TRANSISTOR 2SC1623
Q14	8-729-100-66	s TRANSISTOR 2SC1623
Q15	8-729-100-66	s TRANSISTOR 2SC1623
Q16	8-729-100-66	s TRANSISTOR 2SC1623
Q17	8-729-100-66	s TRANSISTOR 2SC1623
Q18	8-729-100-66	s TRANSISTOR 2SC1623
Q19	8-729-100-66	s TRANSISTOR 2SC1623
Q20	8-729-100-66	s TRANSISTOR 2SC1623
Q21	8-729-100-66	s TRANSISTOR 2SC1623
R1	1-216-079-00	s METAL 18K 5% 1/10W
R2	1-216-093-00	s METAL 68K 5% 1/10W
R3	1-216-121-00	s METAL 1M 5% 1/10W
R4	1-216-065-00	s METAL 4.7K 5% 1/10W
R10	1-216-005-00	s METAL 15 5% 1/10W
R23	1-216-071-00	s METAL 8.2K 5% 1/10W
R24	1-216-099-00	s METAL 120K 5% 1/10W
R25	1-216-686-11	s METAL 30K 0.50% 1/10W
R26	1-216-695-11	s METAL 68K 0.50% 1/10W
R27	1-216-077-00	s METAL 15K 5% 1/10W
R30	1-216-111-00	s METAL 390K 5% 1/10W
R31	1-216-111-00	s METAL 390K 5% 1/10W
R32	1-216-111-00	s METAL 390K 5% 1/10W
R33	1-216-111-00	s METAL 390K 5% 1/10W
R34	1-216-093-00	s METAL 68K 5% 1/10W
R35	1-216-039-00	s METAL 390 5% 1/10W
R36	1-216-111-00	s METAL 390K 5% 1/10W
R37	1-216-111-00	s METAL 390K 5% 1/10W
R38	1-216-111-00	s METAL 390K 5% 1/10W
R39	1-216-111-00	s METAL 390K 5% 1/10W
R40	1-216-111-00	s METAL 390K 5% 1/10W
R41	1-216-111-00	s METAL 390K 5% 1/10W
R42	1-216-111-00	s METAL 390K 5% 1/10W
R43	1-216-111-00	s METAL 390K 5% 1/10W
R44	1-216-049-00	s METAL 1K 5% 1/10W
R45	1-216-073-00	s METAL 10K 5% 1/10W
R46	1-216-065-00	s METAL 4.7K 5% 1/10W
R47	1-216-005-00	s METAL 15 5% 1/10W
R48	1-216-005-00	s METAL 15 5% 1/10W
R49	1-216-073-00	s METAL 10K 5% 1/10W
R51	1-216-748-11	s METAL 39K 5% 1/10W
R52	1-216-107-00	s METAL 270K 5% 1/10W
R53	1-216-079-00	s METAL 18K 5% 1/10W
R54	1-216-073-00	s METAL 10K 5% 1/10W
R55	1-216-748-11	s METAL 39K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R56	1-216-107-00	s METAL 270K 5% 1/10W
R57	1-216-079-00	s METAL 18K 5% 1/10W
R58	1-216-073-00	s METAL 10K 5% 1/10W
R59	1-216-748-11	s METAL 39K 5% 1/10W
R60	1-216-107-00	s METAL 270K 5% 1/10W
R61	1-216-079-00	s METAL 18K 5% 1/10W
R62	1-216-073-00	s METAL 10K 5% 1/10W
R63	1-216-093-00	s METAL 68K 5% 1/10W
R64	1-216-039-00	s METAL 390 5% 1/10W
R65	1-216-093-00	s METAL 68K 5% 1/10W
R66	1-216-039-00	s METAL 390 5% 1/10W
R67	1-216-025-00	s METAL 100 5% 1/10W
R68	1-216-025-00	s METAL 100 5% 1/10W
R69	1-216-025-00	s METAL 100 5% 1/10W
R70	1-216-121-00	s METAL 1M 5% 1/10W
R71	1-216-121-00	s METAL 1M 5% 1/10W
R72	1-216-121-00	s METAL 1M 5% 1/10W
R73	1-216-121-00	s METAL 1M 5% 1/10W
R74	1-216-121-00	s METAL 1M 5% 1/10W
R75	1-216-121-00	s METAL 1M 5% 1/10W
R76	1-216-121-00	s METAL 1M 5% 1/10W
R77	1-216-121-00	s METAL 1M 5% 1/10W
R78	1-216-121-00	s METAL 1M 5% 1/10W
R79	1-216-121-00	s METAL 1M 5% 1/10W
R80	1-216-121-00	s METAL 1M 5% 1/10W
R81	1-216-121-00	s METAL 1M 5% 1/10W
R82	1-216-121-00	s METAL 1M 5% 1/10W
R83	1-216-025-00	s METAL 100 5% 1/10W
R84	1-216-041-00	s METAL 470 5% 1/10W
R85	1-216-065-00	s METAL 4.7K 5% 1/10W
R86	1-216-001-00	s METAL 10 5% 1/10W
R87	1-216-075-00	s METAL 12K 5% 1/10W
R88	1-216-075-00	s METAL 12K 5% 1/10W
R89	1-216-075-00	s METAL 12K 5% 1/10W
R90	1-216-057-00	s METAL 2.2K 5% 1/10W
R91	1-216-295-00	s METAL 0.5% 1/10W
R92	1-216-001-00	s METAL 10 5% 1/10W
R93	1-216-001-00	s METAL 10 5% 1/10W
RV1	1-237-037-11	s RES. ADJ. CERMET 20K
RV2	1-237-037-11	s RES. ADJ. CERMET 20K
RV3	1-237-037-11	s RES. ADJ. CERMET 20K

DUS-246 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-969-11	o PRINTED CIRCUIT BOARD, DUS-246

DUS-297 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-630-774-11	PRINTED CIRCUIT BOARD, DUS-297
C1	1-124-440-11	s ELECT 3300MF 20% 25V

EN-79P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-961-A	o MOUNTED CIRCUIT BOARD, EN-79P
1pc	3-724-709-01	o PLATE (EN-62), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-135-155-21	s TANTAL 4.7uF 10% 10V
C2	1-163-038-00	s CERAMIC 0.1uF 25V
C4	1-163-086-00	s CERAMIC 3PF 0.25PF 50V
C5	1-163-086-00	s CERAMIC 3PF 0.25PF 50V
C6	1-163-086-00	s CERAMIC 3PF 0.25PF 50V
C8	1-163-038-00	s CERAMIC 0.1uF 25V
C9	1-135-155-21	s TANTAL 4.7uF 10% 10V
C10	1-163-038-00	s CERAMIC 0.1uF 25V
C11	1-135-155-21	s TANTAL 4.7uF 10% 10V
C13	1-135-155-21	s TANTAL 4.7uF 10% 10V
C14	1-163-038-00	s CERAMIC 0.1uF 25V
C15	1-135-155-21	s TANTAL 4.7uF 10% 10V
C16	1-163-038-00	s CERAMIC 0.1uF 25V
C17	1-135-155-21	s TANTAL 4.7uF 10% 10V
C18	1-163-038-00	s CERAMIC 0.1uF 25V
C19	1-163-038-00	s CERAMIC 0.1uF 25V
C20	1-163-085-00	s CERAMIC 2PF ±0.25PF 50V
C21	1-163-038-00	s CERAMIC 0.1uF 25V
C22	1-135-159-21	s TANTAL 10uF 10% 16V
C23	1-163-038-00	s CERAMIC 0.1uF 25V
C24	1-135-155-21	s TANTAL 4.7uF 10% 10V
C25	1-135-157-21	s TANTAL 10uF 10% 6.3V
C26	1-135-157-21	s TANTAL 10uF 10% 6.3V
C27	1-163-117-00	s CERAMIC 100PF 5% 50V
C28	1-163-127-00	s CERAMIC 270PF 5% 50V
C29	1-135-145-11	s TANTAL 0.47uF 10% 25V
C30	1-135-180-21	s TANTAL 3.3uF 10% 4V
C31	1-135-155-21	s TANTAL 4.7uF 10% 10V
C32	1-135-155-21	s TANTAL 4.7uF 10% 10V
C33	1-163-085-00	s CERAMIC 2PF 0.25PF 50V
C34	1-163-084-00	s CERAMIC 1.5PF 0.25PF 50V
C35	1-135-159-21	s TANTAL 10uF 10% 16V
C36	1-135-155-21	s TANTAL 4.7uF 10% 10V
C37	1-163-038-00	s CERAMIC 0.1uF 25V
C38	1-163-038-00	s CERAMIC 0.1uF 25V
C39	1-163-117-00	s CERAMIC 100PF 5% 50V
C40	1-163-127-00	s CERAMIC 270PF 5% 50V
C41	1-135-145-11	s TANTAL 0.47uF 10% 25V
C42	1-135-180-21	s TANTAL 3.3uF 10% 4V
C43	1-135-155-21	s TANTAL 4.7uF 10% 10V
C44	1-126-392-11	s ELECT 100uF 20% 6.3V
C45	1-163-125-00	s CERAMIC 220PF 5% 50V
C46	1-135-159-21	s TANTAL 10uF 10% 16V
C47	1-135-155-21	s TANTAL 4.7uF 10% 10V
C48	1-135-155-21	s TANTAL 4.7uF 10% 10V

(EN-79P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C49	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C50	1-163-241-11	s CERAMIC 39PF 5% 50V
C51	1-163-241-11	s CERAMIC 39PF 5% 50V
C52	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C53	1-135-162-21	s TANTAL 33uF 10% 4V
C54	1-163-038-00	s CERAMIC 0.1uF 25V
C55	1-163-038-00	s CERAMIC 0.1uF 25V
C58	1-163-117-00	s CERAMIC 100PF 5% 50V
C59	1-163-115-00	s CERAMIC 82PF 5% 50V
C62	1-135-180-21	s TANTAL 3.3uF 10% 4V
C63	1-135-180-21	s TANTAL 3.3uF 10% 4V
C64	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C65	1-163-038-00	s CERAMIC 0.1uF 25V
C66	1-163-038-00	s CERAMIC 0.1uF 25V
C67	1-163-038-00	s CERAMIC 0.1uF 25V
C68	1-135-158-21	s TANTAL 15uF 10% 4V
C69	1-163-038-00	s CERAMIC 0.1uF 25V
C70	1-163-083-00	s CERAMIC 1PF ±0.25PF 50V
C71	1-163-038-00	s CERAMIC 0.1uF 25V
C74	1-135-159-21	s TANTAL 10uF 10% 10V
C75	1-163-093-00	s CERAMIC 10PF 5% 50V
C76	1-163-093-00	s CERAMIC 10PF 5% 50V
CX1	1-566-960-11	o CONNECTOR, 50P
CV1	1-141-347-11	s CAP, VAR, TRIMMER (CHIP)
DL1	1-415-562-11	s DELAY LINE
FL3	1-235-181-00	s FILTER, BAND PASS
IC1	8-759-208-11	s IC TC4053BFBH
IC2	8-759-911-77	s IC CX7968A
IC3	1-807-421-11	s IC BH-1216
IC4	1-807-419-11	s IC BH-1214
IC5	1-807-418-11	s IC BH-1213
IC7	8-741-135-60	s IC BX-1356
IC8	8-759-906-59	s IC CX22017
IC9	8-759-200-79	s IC TC4049BF
IC10	1-807-423-11	s IC BH-1218
JR1	1-216-295-00	s METAL 0.5% 1/10W
JR3	1-216-295-00	s METAL 0.5% 1/10W
L1	1-410-713-31	s INDUCTOR CHIP 47uH
L4	1-410-713-31	s INDUCTOR CHIP 47uH
L5	1-410-715-31	s INDUCTOR CHIP 68uH
L6	1-410-715-31	s INDUCTOR CHIP 68uH
L7	1-410-713-31	s INDUCTOR CHIP 47uH
LV2	1-408-844-00	s VARIABLE INDUCTOR 22uH

(EN-79P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q1	8-729-100-66 s	TRANSISTOR 2SC1623
Q2	8-729-100-66 s	TRANSISTOR 2SC1623
Q3	8-729-100-66 s	TRANSISTOR 2SC1623
Q4	8-729-216-22 s	TRANSISTOR 2SA1162
Q5	8-729-100-66 s	TRANSISTOR 2SC1623
Q10	8-729-100-66 s	TRANSISTOR 2SC1623
Q11	8-729-100-66 s	TRANSISTOR 2SC1623
Q12	8-729-100-66 s	TRANSISTOR 2SC1623
Q13	8-729-122-63 s	TRANSISTOR 2SA1226
Q14	8-729-100-66 s	TRANSISTOR 2SC1623
Q15	8-729-216-22 s	TRANSISTOR 2SA1162
Q18	8-729-100-66 s	TRANSISTOR 2SC1623
Q19	8-729-100-66 s	TRANSISTOR 2SC1623
Q20	8-729-100-66 s	TRANSISTOR 2SC1623
Q21	8-729-122-63 s	TRANSISTOR 2SA1226
Q22	8-729-100-66 s	TRANSISTOR 2SC1623
Q23	8-729-100-66 s	TRANSISTOR 2SC1623
Q24	8-729-100-66 s	TRANSISTOR 2SC1623
Q25	8-729-100-66 s	TRANSISTOR 2SC1623
Q26	8-729-162-43 s	TRANSISTOR 2SB624-BV3
Q27	8-729-162-43 s	TRANSISTOR 2SB624-BV3
Q28	8-729-162-43 s	TRANSISTOR 2SB624-BV3
Q29	8-729-159-64 s	TRANSISTOR 2SD596
Q30	8-729-216-22 s	TRANSISTOR 2SA1162
Q31	8-729-100-66 s	TRANSISTOR 2SC1623
Q32	8-729-100-66 s	TRANSISTOR 2SC1623
Q33	8-729-100-66 s	TRANSISTOR 2SC1623
Q34	8-729-216-22 s	TRANSISTOR 2SA1162
Q35	8-729-100-66 s	TRANSISTOR 2SC1623
Q36	8-729-100-66 s	TRANSISTOR 2SC1623
R2	1-216-073-00 s	METAL 10K 5% 1/10W
R3	1-216-073-00 s	METAL 10K 5% 1/10W
R4	1-216-073-00 s	METAL 10K 5% 1/10W
R5	1-216-097-00 s	METAL 100K 5% 1/10W
R6	1-216-025-00 s	METAL 100 5% 1/10W
R7	1-216-025-00 s	METAL 100 5% 1/10W
R8	1-216-025-00 s	METAL 100 5% 1/10W
R9	1-216-059-00 s	METAL 2.7K 5% 1/10W
R10	1-216-059-00 s	METAL 2.7K 5% 1/10W
R11	1-216-059-00 s	METAL 2.7K 5% 1/10W
R12	1-216-073-00 s	METAL 10K 5% 1/10W
R13	1-216-097-00 s	METAL 100K 5% 1/10W
R14	1-216-097-00 s	METAL 100K 5% 1/10W
R17	1-216-687-11 s	METAL 33K 0.5% 1/10W
R18	1-216-687-11 s	METAL 33K 0.5% 1/10W
R19	1-216-687-11 s	METAL 33K 0.5% 1/10W
R20	1-216-699-11 s	METAL 100K 0.5% 1/10W
R21	1-216-699-11 s	METAL 100K 0.5% 1/10W
R22	1-216-699-11 s	METAL 100K 0.5% 1/10W
R26	1-216-665-11 s	METAL 3.9K 0.5% 1/10W

(EN-79P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R27	1-216-665-11 s	METAL 3.9K 0.5% 1/10W
R28	1-216-665-11 s	METAL 3.9K 0.5% 1/10W
R34	1-216-681-11 s	METAL 18K 0.5% 1/10W
R35	1-216-662-11 s	METAL 3K 0.5% 1/10W
R36	1-216-662-11 s	METAL 3K 0.5% 1/10W
R37	1-216-659-11 s	METAL 2.2K 0.5% 1/10W
R38	1-216-623-11 s	METAL 68 0.5% 1/10W
R39	1-216-097-00 s	METAL 100K 5% 1/10W
R40	1-216-097-00 s	METAL 100K 5% 1/10W
R41	1-216-121-00 s	METAL 1M 5% 1/10W
R42	1-216-093-00 s	METAL 68K 5% 1/10W
R43	1-216-659-11 s	METAL 2.2K 0.5% 1/10W
R44	1-216-663-11 s	METAL 3.3K 0.5% 1/10W
R45	1-216-647-11 s	METAL 680 0.5% 1/10W
R46	1-216-661-11 s	METAL 2.7K 0.5% 1/10W
R47	1-216-097-00 s	METAL 100K 5% 1/10W
R48	1-216-089-00 s	METAL 47K 5% 1/10W
R49	1-216-089-00 s	METAL 47K 5% 1/10W
R50	1-216-089-00 s	METAL 47K 5% 1/10W
R51	1-216-651-11 s	METAL 1K 0.5% 1/10W
R52	1-216-089-00 s	METAL 47K 5% 1/10W
R53	1-216-059-00 s	METAL 2.7K 5% 1/10W
R54	1-216-073-00 s	METAL 10K 5% 1/10W
R60	1-216-627-11 s	METAL 100 0.5% 1/10W
R64	1-216-627-11 s	METAL 100 0.5% 1/10W
R65	1-216-059-00 s	METAL 2.7K 5% 1/10W
R69	1-216-644-11 s	METAL 510 0.5% 1/10W
R70	1-216-097-00 s	METAL 100K 5% 1/10W
R71	1-216-655-11 s	METAL 1.5K 0.5% 1/10W
R72	1-216-065-00 s	METAL 4.7K 5% 1/10W
R73	1-216-065-00 s	METAL 4.7K 5% 1/10W
R74	1-216-065-00 s	METAL 4.7K 5% 1/10W
R75	1-216-651-11 s	METAL 1K 0.5% 1/10W
R76	1-216-683-11 s	METAL 22K 0.5% 1/10W
R77	1-216-683-11 s	METAL 22K 0.5% 1/10W
R78	1-216-638-11 s	METAL 300 0.5% 1/10W
R79	1-216-638-11 s	METAL 300 0.5% 1/10W
R80	1-216-071-00 s	METAL 8.2K 5% 1/10W
R81	1-216-025-00 s	METAL 100 5% 1/10W
R82	1-216-061-00 s	METAL 3.3K 5% 1/10W
R83	1-216-653-11 s	METAL 1.2K 0.5% 1/10W
R84	1-216-603-11 s	METAL 10 0.5% 1/10W
R85	1-216-650-11 s	METAL 910 0.5% 1/10W
R86	1-216-025-00 s	METAL 100 5% 1/10W
R87	1-216-065-00 s	METAL 4.7K 5% 1/10W
R88	1-216-666-11 s	METAL 4.3K 0.5% 1/10W
R89	1-216-624-11 s	METAL 75 0.5% 1/10W
R90	1-216-627-11 s	METAL 100 0.5% 1/10W
R91	1-216-627-11 s	METAL 100 0.5% 1/10W
R95	1-216-059-00 s	METAL 2.7K 5% 1/10W

(EN-79P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R99	1-216-644-11	s METAL 510 0.5% 1/10W
R100	1-216-097-00	s METAL 100K 5% 1/10W
R101	1-216-065-00	s METAL 4.7K 5% 1/10W
R102	1-216-661-11	s METAL 2.7K 0.5% 1/10W
R103	1-216-065-00	s METAL 4.7K 5% 1/10W
R104	1-216-065-00	s METAL 4.7K 5% 1/10W
R105	1-216-651-11	s METAL 1K 0.5% 1/10W
R106	1-216-683-11	s METAL 22K 0.5% 1/10W
R107	1-216-683-11	s METAL 22K 0.5% 1/10W
R108	1-216-097-00	s METAL 100K 5% 1/10W
R109	1-216-065-00	s METAL 4.7K 5% 1/10W
R111	1-216-081-00	s METAL 22K 5% 1/10W
R112	1-216-065-00	s METAL 4.7K 5% 1/10W
R113	1-216-642-11	s METAL 430 0.5% 1/10W
R114	1-216-642-11	s METAL 430 0.5% 1/10W
R115	1-216-057-00	s METAL 2.2K 5% 1/10W
R116	1-216-065-00	s METAL 4.7K 5% 1/10W
R117	1-216-025-00	s METAL 100 5% 1/10W
R118	1-216-049-00	s METAL 1K 5% 1/10W
R119	1-216-049-00	s METAL 1K 5% 1/10W
R120	1-216-067-00	s METAL 5.6K 5% 1/10W
R121	1-216-651-11	s METAL 1K 0.5% 1/10W
R122	1-216-651-11	s METAL 1K 0.5% 1/10W
R123	1-216-059-00	s METAL 2.7K 5% 1/10W
R128	1-216-097-00	s METAL 100K 5% 1/10W
R129	1-216-663-11	s METAL 3.3K 0.5% 1/10W
R130	1-216-089-00	s METAL 47K 5% 1/10W
R131	1-216-061-00	s METAL 3.3K 5% 1/10W
R132	1-216-089-00	s METAL 47K 5% 1/10W
R133	1-216-121-00	s METAL 1M 5% 1/10W
R135	1-216-667-11	s METAL 4.7K 0.5% 1/10W
R136	1-216-059-00	s METAL 2.7K 5% 1/10W
R137	1-216-059-00	s METAL 2.7K 5% 1/10W
R138	1-216-085-00	s METAL 33K 5% 1/10W
R139	1-216-097-00	s METAL 100K 5% 1/10W
R140	1-216-073-00	s METAL 10K 5% 1/10W
R141	1-216-624-11	s METAL 75 0.5% 1/10W
R142	1-216-049-00	s METAL 1K 5% 1/10W
R143	1-216-624-11	s METAL 75 0.5% 1/10W
R144	1-216-624-11	s METAL 75 0.5% 1/10W
R145	1-216-659-11	s METAL 2.2K 0.5% 1/10W
R146	1-216-025-00	s METAL 100 5% 1/10W
R147	1-216-065-00	s METAL 4.7K 5% 1/10W
R148	1-216-668-11	s METAL 5.1K 0.5% 1/10W
R149	1-216-659-11	s METAL 2.2K 0.5% 1/10W
R150	1-216-065-00	s METAL 4.7K 5% 1/10W
R151	1-216-025-00	s METAL 100 5% 1/10W
R152	1-216-639-11	s METAL 330 0.5% 1/10W
R153	1-216-097-00	s METAL 100K 5% 1/10W
R154	1-216-073-00	s METAL 10K 5% 1/10W

(EN-79P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R157	1-216-691-11	s METAL 47K 0.5% 1/10W
RB1	1-235-528-12	s RES, NETWORK
RB2	1-235-526-11	s RES, NETWORK
RB3	1-235-527-11	s RES, NETWORK
RV1	1-237-034-11	s RES, ADJ, CERMET 2K
RV2	1-237-034-11	s RES, ADJ, CERMET 2K
RV3	1-237-034-11	s RES, ADJ, CERMET 2K
RV6	1-237-036-11	s RES, ADJ, CERMET 10K
RV8	1-237-033-11	s RES, ADJ, CERMET 1K
RV9	1-228-473-00	s RES, ADJ, CERMET 5K
RV10	1-228-473-00	s RES, ADJ, CERMET 5K
RV11	1-237-033-11	s RES, ADJ, CERMET 1K
RV12	1-237-033-11	s RES, ADJ, CERMET 1K
RV13	1-237-036-11	s RES, ADJ, CERMET 10K
RV15	1-237-034-11	s RES, ADJ, CERMET 2K
RV16	1-237-035-11	s RES, ADJ, CERMET 5K
RV17	1-228-473-00	s RES, ADJ, CERMET 5K
RV18	1-237-033-11	s RES, ADJ, CERMET 1K
RV19	1-237-032-11	s RES, ADJ, CERMET 500
RV20	1-237-032-11	s RES, ADJ, CERMET 500
RV21	1-237-032-11	s RES, ADJ, CERMET 500
S1	1-570-857-11	s SWITCH, SLIDE
S2	1-570-857-11	s SWITCH, SLIDE
S3	1-570-375-12	s SWITCH, SLIDE

EX-148 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7520-314-A	o MOUNTED CIRCUIT BOARD, EX-148
4pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
CN1	1-566-960-11	o CONNECTOR, 50P, MALE
CN2	1-566-961-11	o CONNECTOR, 50P, FEMALE

FE-4 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6725-603-A	o MOUNTED CIRCUIT BOARD, FE-4
1pc	3-722-419-01	o HOLDER, FE-4
2pcs	3-729-013-21	s SCREW (M1.4X2.5), WASHERHEAD (+P)

C1	1-136-562-11	s FILM 0.0082uF 5% 200V
C2	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C3	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C4	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C5	1-126-101-11	s ELECT 100uF 20% 16V

C6	1-164-182-11	s CERAMIC 0.0033uF 10% 50V
C7	1-164-161-11	s CERAMIC 0.0022uF 10% 50V
C8	1-163-018-00	s CERAMIC 0.0056uF 10% 50V
C11	1-164-146-11	s CERAMIC 0.0033uF 5% 50V
C12	1-164-146-11	s CERAMIC 0.0033uF 5% 50V

C13	1-163-035-00	s CERAMIC 0.047uF 50V
C14	1-163-035-00	s CERAMIC 0.047uF 50V
C15	1-163-001-11	s CERAMIC 220PF 10% 50V
C16	1-126-157-11	s ELECT 10uF 20% 16V

CN1	1-566-977-11	o PIN, CONNECTOR 12P
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CP1	1-424-101-11	s TRANSFORMER, FB
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CS1	1-806-682-00	s SENSOR, DEW CONDENSATION
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IC1	8-759-805-32	s IC LA7205M
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L1	1-464-909-11	s SENSOR, COIL
L2	1-408-429-00	s INDUCTOR 470uH

Q1	8-729-159-64	s TRANSISTOR 2SD596
Q2	8-729-159-64	s TRANSISTOR 2SD596

R1	1-216-093-00	s METAL 68K 5% 1/10W
R2	1-216-093-00	s METAL 68K 5% 1/10W
R3	1-216-685-11	s METAL 27K 0.5% 1/10W
R4	1-216-685-11	s METAL 27K 0.5% 1/10W
R5	1-216-091-00	s METAL 56K 5% 1/10W

R8	1-216-298-00	s METAL 2.2 5% 1/10W
R9	1-216-298-00	s METAL 2.2 5% 1/10W

FL-45 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-891-11	s PRINTED CIRCUIT BOARD, FL-45

FL-46 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-892-11	s PRINTED CIRCUIT BOARD, FL-46

FL-55P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6713-349-A	o MOUNTED CIRCUIT BOARD, FL-55P

C1	1-163-135-00	s CERAMIC 560PF 5% 50V
C2	1-163-121-00	s CERAMIC 150PF 5% 50V
C3	1-163-038-00	s CERAMIC 0.1uF 25V 0%
C4	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C11	1-163-135-00	s CERAMIC 560PF 5% 50V

C12	1-163-121-00	s CERAMIC 150PF 5% 50V
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D1	8-719-941-09	s DIODE DAP202U
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IC1	8-759-981-54	s IC RC2041MD
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Q1	8-729-209-07	s TRANSISTOR 2SC4213B
Q2	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q11	8-729-209-07	s TRANSISTOR 2SC4213B

R1	1-216-603-11	s METAL 10 0.5% 1/10W
R2	1-216-067-00	s METAL 5.6K 5% 1/10W
R3	1-216-021-00	s METAL 68 5% 1/10W
R4	1-216-057-00	s METAL 2.2K 5% 1/10W
R5	1-216-073-00	s METAL 10K 5% 1/10W

R11	1-216-603-11	s METAL 10 0.5% 1/10W
R12	1-216-067-00	s METAL 5.6K 5% 1/10W
R13	1-216-021-00	s METAL 68 5% 1/10W
R14	1-216-057-00	s METAL 2.2K 5% 1/10W

RV1	1-228-478-11	s RES, ADJ, CERMET 200K
RV11	1-228-478-11	s RES, ADJ, CERMET 200K
RY1	1-515-614-21	s RELAY

FL-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-895-11	s PRINTED CIRCUIT BOARD, FL-57
C1	1-126-390-11	s ELECT 22uF 20% 6.3V

HP-43 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-627-593-11	o PRINTED CIRCUIT BOARD, HP-43
C1	1-162-773-11	s CERAMIC 0.0047uF 5% 50V
C2	1-162-773-11	s CERAMIC 0.0047uF 5% 50V
J1	1-507-980-11	s JACK, PHONE "EARPHONE"
R1	1-249-395-11	s CARBON 15 5% 1/4W
R2	1-249-395-11	s CARBON 15 5% 1/4W

1E-20AP BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-962-A	o MOUNTED CIRCUIT BOARD, 1E-20AP
1pc	3-724-712-01	o PLATE (1E-20), ORNAMENTAL
1pc	3-724-753-01	s RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-163-038-00	s CERAMIC 0.1uF 25V
C2	1-135-159-21	s TANTAL 10uF 10% 16V
C3	1-135-159-21	s TANTAL 10uF 10% 16V
C4	1-163-038-00	s CERAMIC 0.1uF 25V
C5	1-135-159-21	s TANTAL 10uF 10% 16V
C7	1-124-282-00	s ELECT 22uF 20% 16V
C8	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C9	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C10	1-163-121-00	s CERAMIC 150PF 5% 50V
C11	1-163-038-00	s CERAMIC 0.1uF 25V
C12	1-135-159-21	s TANTAL 10uF 10% 16V
C13	1-163-038-00	s CERAMIC 0.1uF 25V
C14	1-163-038-00	s CERAMIC 0.1uF 25V
C15	1-163-038-00	s CERAMIC 0.1uF 25V
C16	1-163-105-00	s CERAMIC 33PF 5% 50V
C17	1-135-125-21	s TANTAL 33uF 20% 10V
C18	1-135-125-21	s TANTAL 33uF 20% 10V
C19	1-163-105-00	s CERAMIC 33PF 5% 50V
C20	1-163-093-00	s CERAMIC 10PF 5% 50V
C21	1-135-166-21	s TANTAL 47uF 20% 6.3V
C23	1-163-038-00	s CERAMIC 0.1uF 25V
C24	1-163-038-00	s CERAMIC 0.1uF 25V
C25	1-163-038-00	s CERAMIC 0.1uF 25V
C26	1-163-093-00	s CERAMIC 10PF 5% 50V
C27	1-135-159-21	s TANTAL 10uF 10% 16V
C28	1-163-038-00	s CERAMIC 0.1uF 25V
C29	1-163-038-00	s CERAMIC 0.1uF 25V
C30	1-163-038-00	s CERAMIC 0.1uF 25V
C31	1-163-105-00	s CERAMIC 33PF 5% 50V
C32	1-135-125-21	s TANTAL 33uF 20% 10V
C33	1-135-125-21	s TANTAL 33uF 20% 10V
C34	1-163-105-00	s CERAMIC 33PF 5% 50V
C35	1-135-125-21	s TANTAL 33uF 20% 10V
C36	1-163-038-00	s CERAMIC 0.1uF 25V
C37	1-163-099-00	s CERAMIC 18PF 5% 50V
C38	1-135-166-21	s TANTAL 47uF 20% 6.3V
C40	1-163-038-00	s CERAMIC 0.1uF 25V
C41	1-163-038-00	s CERAMIC 0.1uF 25V
C42	1-163-038-00	s CERAMIC 0.1uF 25V
C43	1-163-038-00	s CERAMIC 0.1uF 25V
C44	1-135-074-21	s TANTAL 0.47uF 10% 35V
C45	1-162-637-11	s CERAMIC 0.47uF 16V
C46	1-163-038-00	s CERAMIC 0.1uF 25V
C47	1-135-074-21	s TANTAL 0.47uF 10% 35V
C48	1-162-637-11	s CERAMIC 0.47uF 16V

(1E-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C49	1-135-159-21	s TANTAL 10uF 10% 16V
C50	1-135-159-21	s TANTAL 10uF 10% 16V
C51	1-135-159-21	s TANTAL 10uF 10% 16V
C52	1-135-159-21	s TANTAL 10uF 10% 16V
C53	1-135-159-21	s TANTAL 10uF 10% 16V
C54	1-163-038-00	s CERAMIC 0.1uF 25V
C55	1-135-159-21	s TANTAL 10uF 10% 16V
C56	1-163-038-00	s CERAMIC 0.1uF 25V
C57	1-163-117-00	s CERAMIC 100PF 5% 50V
C58	1-135-164-21	s TANTAL 22uF 20% 10V
C60	1-163-038-00	s CERAMIC 0.1uF 25V
C61	1-135-164-21	s TANTAL 22uF 20% 10V
C62	1-163-038-00	s CERAMIC 0.1uF 25V
C63	1-163-038-00	s CERAMIC 0.1uF 25V
C64	1-135-159-21	s TANTAL 10uF 10% 16V
C67	1-135-159-21	s TANTAL 10uF 10% 16V
C68	1-163-038-00	s CERAMIC 0.1uF 25V
C69	1-163-038-00	s CERAMIC 0.1uF 25V
C71	1-124-584-00	s ELECT 100uF 20% 10V
C72	1-163-116-00	s CERAMIC 91PF 5% 50V
C75	1-135-164-21	s TANTAL 22uF 20% 10V
C76	1-163-081-00	s CERAMIC 0.22uF 25V
C77	1-135-159-21	s TANTAL 10uF 10% 16V
C79	1-163-101-00	s CERAMIC 22PF 5% 50V
C82	1-135-125-21	s TANTAL 33uF 20% 10V
C83	1-135-125-21	s TANTAL 33uF 20% 10V
C84	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C85	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C86	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C87	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C88	1-163-038-00	s CERAMIC 0.1uF 25V
C89	1-135-076-21	s TANTAL 1uF 10% 35V
C90	1-163-038-00	s CERAMIC 0.1uF 25V
C91	1-163-038-00	s CERAMIC 0.1uF 25V
C92	1-163-117-00	s CERAMIC 100PF 5% 50V
C93	1-135-125-21	s TANTAL 33uF 20% 10V
C94	1-163-038-00	s CERAMIC 0.1uF 25V
C96	1-135-159-21	s TANTAL 10uF 10% 16V
C97	1-124-584-00	s ELECT 100uF 20% 10V
C98	1-124-286-00	s ELECT 33uF 20% 10V
CN1	1-566-960-11	o CONNECTOR, 50P
CV1	1-141-370-11	s CAP. VAR. TRIMMER (CHIP)
CV2	1-141-311-11	s CAP. VAR. TRIMMER (CHIP)
CV3	1-141-311-11	s CAP. VAR. TRIMMER (CHIP)
D1	8-719-800-76	s DIODE 1SS226
D2	8-719-400-18	s DIODE MA152WK
D3	8-719-400-18	s DIODE MA152WK
D4	8-719-948-47	s DIODE HSM88AS
D5	8-719-948-47	s DIODE HSM88AS

(1E-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D6	8-719-800-76	s DIODE 1SS226
D7	8-719-104-34	s DIODE 1S2836
D8	8-719-948-47	s DIODE HSM88AS
D9	8-719-948-47	s DIODE HSM88AS
DL1	1-415-591-21	s DELAY LINE, ULTRA SONIC
DL2	1-415-485-11	s DELAY LINE
IC1	8-759-981-51	s IC RC1496M
IC2	1-807-416-11	s IC 8H-1211
IC3	1-807-416-11	s IC 8H-1211
IC4	8-759-906-53	s IC TL062CPS
IC5	1-807-422-11	s IC 8H-1217
IC6	8-759-906-53	s IC TL062CPS
IC7	8-759-981-51	s IC RC1496M
IC8	8-759-009-51	s IC MC14538BF
IC9	8-759-009-51	s IC MC14538BF
IC10	8-759-008-79	s IC MC14011BF
L1	1-410-713-31	s INDUCTOR CHIP 47uH
L4	1-410-717-31	s INDUCTOR CHIP 100uH
L5	1-410-705-31	s INDUCTOR CHIP 10uH
L6	1-410-708-31	s INDUCTOR CHIP 18uH
L7	1-410-717-31	s INDUCTOR CHIP 100uH
L8	1-410-717-31	s INDUCTOR CHIP 100uH
LV1	1-408-845-00	s VARIABLE INDUCTOR 100uH
Q1	8-729-122-63	s TRANSISTOR 2SA1226
Q2	8-729-175-72	s TRANSISTOR 2SC2757
Q3	8-729-122-63	s TRANSISTOR 2SA1226
Q4	8-729-175-72	s TRANSISTOR 2SC2757
Q5	8-729-175-72	s TRANSISTOR 2SC2757
Q6	8-729-109-44	s TRANSISTOR 2SK94
Q7	8-729-175-72	s TRANSISTOR 2SC2757
Q8	8-729-175-72	s TRANSISTOR 2SC2757
Q9	8-729-175-72	s TRANSISTOR 2SC2757
Q10	8-729-175-72	s TRANSISTOR 2SC2757
Q11	8-729-175-72	s TRANSISTOR 2SC2757
Q12	8-729-100-66	s TRANSISTOR 2SC1623
Q13	8-729-175-72	s TRANSISTOR 2SC2757
Q14	8-729-122-63	s TRANSISTOR 2SA1226
Q15	8-729-175-72	s TRANSISTOR 2SC2757
Q16	8-729-175-72	s TRANSISTOR 2SC2757
Q17	8-729-175-72	s TRANSISTOR 2SC2757
Q18	8-729-109-44	s TRANSISTOR 2SK94
Q19	8-729-175-72	s TRANSISTOR 2SC2757
Q20	8-729-175-72	s TRANSISTOR 2SC2757
Q21	8-729-175-72	s TRANSISTOR 2SC2757
Q22	8-729-175-72	s TRANSISTOR 2SC2757
Q23	8-729-175-72	s TRANSISTOR 2SC2757
Q24	8-729-122-63	s TRANSISTOR 2SA1226
Q25	8-729-109-44	s TRANSISTOR 2SK94

(1B-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q26	8-729-109-44	s TRANSISTOR 2SK94
Q27	8-729-122-63	s TRANSISTOR 2SA1226
Q28	8-729-122-63	s TRANSISTOR 2SA1226
Q29	8-729-109-44	s TRANSISTOR 2SK94
Q30	8-729-109-44	s TRANSISTOR 2SK94
Q31	8-729-122-63	s TRANSISTOR 2SA1226
Q32	8-729-122-63	s TRANSISTOR 2SA1226
Q33	8-729-122-63	s TRANSISTOR 2SA1226
Q34	8-729-122-63	s TRANSISTOR 2SA1226
Q35	8-729-122-63	s TRANSISTOR 2SA1226
Q36	8-729-122-63	s TRANSISTOR 2SA1226
Q37	8-729-100-66	s TRANSISTOR 2SC1623
Q38	8-729-109-44	s TRANSISTOR 2SK94
Q41	8-729-175-72	s TRANSISTOR 2SC2757
Q42	8-729-175-72	s TRANSISTOR 2SC2757
Q43	8-729-175-72	s TRANSISTOR 2SC2757
Q44	8-729-109-44	s TRANSISTOR 2SK94
Q45	8-729-109-44	s TRANSISTOR 2SK94
Q46	8-729-175-72	s TRANSISTOR 2SC2757
Q47	8-729-175-72	s TRANSISTOR 2SC2757
Q48	8-729-122-63	s TRANSISTOR 2SA1226
Q49	8-729-122-63	s TRANSISTOR 2SA1226
Q50	8-729-122-63	s TRANSISTOR 2SA1226
Q51	8-729-122-63	s TRANSISTOR 2SA1226
Q52	8-729-122-63	s TRANSISTOR 2SA1226
Q53	8-729-175-72	s TRANSISTOR 2SC2757
Q54	8-729-175-72	s TRANSISTOR 2SC2757
Q56	8-729-122-63	s TRANSISTOR 2SA1226
Q57	8-729-122-63	s TRANSISTOR 2SA1226
Q58	8-729-216-22	s TRANSISTOR 2SA812
Q59	8-729-100-66	s TRANSISTOR 2SC1623
R1	1-216-025-00	s METAL 100 5% 1/10W
R2	1-216-055-00	s METAL 1.8K 5% 1/10W
R3	1-216-025-00	s METAL 100 5% 1/10W
R4	1-216-063-00	s METAL 3.9K 5% 1/10W
R5	1-216-043-00	s METAL 560 5% 1/10W
R6	1-216-057-00	s METAL 2.2K 5% 1/10W
R7	1-216-627-11	s METAL 100 0.5% 1/10W
R8	1-216-669-11	s METAL 5.6K 0.5% 1/10W
R9	1-216-033-00	s METAL 220 5% 1/10W
R10	1-216-647-11	s METAL 680 0.5% 1/10W
R11	1-216-025-00	s METAL 100 5% 1/10W
R13	1-216-641-11	s METAL 390 0.5% 1/10W
R14	1-216-061-00	s METAL 3.3K 5% 1/10W
R15	1-216-021-00	s METAL 68 5% 1/10W
R16	1-216-021-00	s METAL 68 5% 1/10W

(1B-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R17	1-216-053-00	s METAL 1.5K 5% 1/10W
R18	1-216-077-00	s METAL 15K 5% 1/10W
R19	1-216-059-00	s METAL 2.7K 5% 1/10W
R20	1-216-055-00	s METAL 1.8K 5% 1/10W
R21	1-216-029-00	s METAL 150 5% 1/10W
R22	1-216-055-00	s METAL 1.8K 5% 1/10W
R23	1-216-059-00	s METAL 2.7K 5% 1/10W
R24	1-216-059-00	s METAL 2.7K 5% 1/10W
R25	1-216-077-00	s METAL 15K 5% 1/10W
R26	1-216-073-00	s METAL 10K 5% 1/10W
R27	1-216-097-00	s METAL 100K 5% 1/10W
R28	1-216-631-11	s METAL 150 0.5% 1/10W
R29	1-216-651-11	s METAL 1K 0.5% 1/10W
R30	1-216-065-00	s METAL 4.7K 5% 1/10W
R31	1-216-065-00	s METAL 4.7K 5% 1/10W
R32	1-216-634-11	s METAL 200 0.5% 1/10W
R33	1-216-658-11	s METAL 2K 0.5% 1/10W
R34	1-216-651-11	s METAL 1K 0.5% 1/10W
R35	1-216-081-00	s METAL 22K 5% 1/10W
R36	1-216-101-00	s METAL 150K 5% 1/10W
R37	1-216-063-00	s METAL 3.9K 5% 1/10W
R38	1-216-073-00	s METAL 10K 5% 1/10W
R39	1-216-025-00	s METAL 100 5% 1/10W
R40	1-216-063-00	s METAL 3.9K 5% 1/10W
R41	1-216-075-00	s METAL 12K 5% 1/10W
R42	1-216-081-00	s METAL 22K 5% 1/10W
R43	1-216-049-00	s METAL 1K 5% 1/10W
R44	1-216-025-00	s METAL 100 5% 1/10W
R45	1-216-639-11	s METAL 330 0.5% 1/10W
R46	1-216-021-00	s METAL 68 5% 1/10W
R47	1-216-021-00	s METAL 68 5% 1/10W
R48	1-216-059-00	s METAL 2.7K 5% 1/10W
R49	1-216-077-00	s METAL 15K 5% 1/10W
R50	1-216-055-00	s METAL 1.8K 5% 1/10W
R51	1-216-059-00	s METAL 2.7K 5% 1/10W
R52	1-216-029-00	s METAL 150 5% 1/10W
R53	1-216-055-00	s METAL 1.8K 5% 1/10W
R54	1-216-059-00	s METAL 2.7K 5% 1/10W
R55	1-216-077-00	s METAL 15K 5% 1/10W
R56	1-216-059-00	s METAL 2.7K 5% 1/10W
R57	1-216-097-00	s METAL 100K 5% 1/10W
R58	1-216-073-00	s METAL 10K 5% 1/10W
R59	1-216-651-11	s METAL 1K 0.5% 1/10W
R60	1-216-631-11	s METAL 150 0.5% 1/10W
R61	1-216-065-00	s METAL 4.7K 5% 1/10W
R62	1-216-065-00	s METAL 4.7K 5% 1/10W
R63	1-216-651-11	s METAL 1K 0.5% 1/10W
R64	1-216-081-00	s METAL 22K 5% 1/10W
R65	1-216-101-00	s METAL 150K 5% 1/10W
R66	1-216-057-00	s METAL 2.2K 5% 1/10W

(1B-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R67	1-216-043-00	s METAL 560 5X 1/10W
R68	1-216-043-00	s METAL 560 5X 1/10W
R69	1-216-043-00	s METAL 560 5X 1/10W
R70	1-216-073-00	s METAL 10K 5X 1/10W
R71	1-216-073-00	s METAL 10K 5X 1/10W
R72	1-216-073-00	s METAL 10K 5X 1/10W
R73	1-216-073-00	s METAL 10K 5X 1/10W
R74	1-216-073-00	s METAL 10K 5X 1/10W
R75	1-216-073-00	s METAL 10K 5X 1/10W
R76	1-216-073-00	s METAL 10K 5X 1/10W
R77	1-216-073-00	s METAL 10K 5X 1/10W
R78	1-216-073-00	s METAL 10K 5X 1/10W
R79	1-216-658-11	s METAL 2K 0.5X 1/10W
R80	1-216-651-11	s METAL 1K 0.5X 1/10W
R81	1-216-658-11	s METAL 2K 0.5X 1/10W
R82	1-216-643-11	s METAL 470 0.5X 1/10W
R83	1-216-057-00	s METAL 2.2K 5X 1/10W
R84	1-216-059-00	s METAL 2.7K 5X 1/10W
R85	1-216-049-00	s METAL 1K 5X 1/10W
R86	1-216-049-00	s METAL 1K 5X 1/10W
R87	1-216-065-00	s METAL 4.7K 5X 1/10W
R88	1-216-644-11	s METAL 510 0.5X 1/10W
R89	1-216-644-11	s METAL 510 0.5X 1/10W
R90	1-216-035-00	s METAL 270 5X 1/10W
R91	1-216-644-11	s METAL 510 0.5X 1/10W
R92	1-216-053-00	s METAL 1.5K 5X 1/10W
R93	1-216-651-11	s METAL 1K 0.5X 1/10W
R94	1-216-658-11	s METAL 2K 0.5X 1/10W
R95	1-216-049-00	s METAL 1K 5X 1/10W
R96	1-216-295-00	s METAL 0.5X 1/10W
R97	1-216-049-00	s METAL 1K 5X 1/10W
R98	1-216-049-00	s METAL 1K 5X 1/10W
R101	1-216-059-00	s METAL 2.7K 5X 1/10W
R102	1-216-055-00	s METAL 1.8K 5X 1/10W
R103	1-216-035-00	s METAL 270 5X 1/10W
R104	1-216-055-00	s METAL 1.8K 5X 1/10W
R105	1-216-059-00	s METAL 2.7K 5X 1/10W
R107	1-216-059-00	s METAL 2.7K 5X 1/10W
R108	1-216-675-11	s METAL 10K 0.5X 1/10W
R109	1-216-659-11	s METAL 2.2K 0.5X 1/10W
R110	1-216-659-11	s METAL 2.2K 0.5X 1/10W
R111	1-216-049-00	s METAL 1K 5X 1/10W
R112	1-216-033-00	s METAL 220 5X 1/10W
R113	1-216-033-00	s METAL 220 5X 1/10W
R114	1-216-033-00	s METAL 220 5X 1/10W
R115	1-216-049-00	s METAL 1K 5X 1/10W
R116	1-216-065-00	s METAL 4.7K 5X 1/10W
R117	1-216-057-00	s METAL 2.2K 5X 1/10W
R118	1-216-049-00	s METAL 1K 5X 1/10W
R119	1-216-049-00	s METAL 1K 5X 1/10W

(1B-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R121	1-216-067-00	s METAL 5.6K 5X 1/10W
R122	1-216-029-00	s METAL 150 5X 1/10W
R123	1-216-029-00	s METAL 150 5X 1/10W
R124	1-216-073-00	s METAL 10K 5X 1/10W
R125	1-216-025-00	s METAL 100 5X 1/10W
R126	1-216-065-00	s METAL 4.7K 5X 1/10W
R127	1-216-667-11	s METAL 4.7K 0.5X 1/10W
R128	1-216-667-11	s METAL 4.7K 0.5X 1/10W
R129	1-216-651-11	s METAL 1K 0.5X 1/10W
R130	1-216-057-00	s METAL 2.2K 5X 1/10W
R131	1-216-065-00	s METAL 4.7K 5X 1/10W
R132	1-216-065-00	s METAL 4.7K 5X 1/10W
R133	1-216-057-00	s METAL 2.2K 5X 1/10W
R134	1-216-057-00	s METAL 2.2K 5X 1/10W
R135	1-216-057-00	s METAL 2.2K 5X 1/10W
R136	1-216-071-00	s METAL 8.2K 5X 1/10W
R137	1-216-061-00	s METAL 3.3K 5X 1/10W
R138	1-216-073-00	s METAL 10K 5X 1/10W
R139	1-216-035-00	s METAL 270 5X 1/10W
R140	1-216-065-00	s METAL 4.7K 5X 1/10W
R141	1-216-035-00	s METAL 270 5X 1/10W
R142	1-216-061-00	s METAL 3.3K 5X 1/10W
R143	1-216-073-00	s METAL 10K 5X 1/10W
R144	1-216-065-00	s METAL 4.7K 5X 1/10W
R146	1-216-065-00	s METAL 4.7K 5X 1/10W
R147	1-216-675-11	s METAL 10K 0.5X 1/10W
R148	1-216-675-11	s METAL 10K 0.5X 1/10W
R149	1-216-097-00	s METAL 100K 5X 1/10W
R150	1-216-097-00	s METAL 100K 5X 1/10W
R151	1-216-073-00	s METAL 10K 5X 1/10W
R152	1-216-065-00	s METAL 4.7K 5X 1/10W
R153	1-216-097-00	s METAL 100K 5X 1/10W
R154	1-216-097-00	s METAL 100K 5X 1/10W
R155	1-216-073-00	s METAL 10K 5X 1/10W
R156	1-216-065-00	s METAL 4.7K 5X 1/10W
R159	1-216-057-00	s METAL 2.2K 5X 1/10W
R161	1-216-682-11	s METAL 20K 0.5X 1/10W
R162	1-216-689-11	s METAL 39K 0.5X 1/10W
R163	1-216-679-11	s METAL 15K 0.5X 1/10W
R164	1-216-680-11	s METAL 16K 0.5X 1/10W
R165	1-216-001-00	s METAL 10 5X 1/10W
R166	1-216-001-00	s METAL 10 5X 1/10W
R167	1-216-073-00	s METAL 10K 5X 1/10W
R169	1-216-077-00	s METAL 15K 5X 1/10W
R170	1-216-077-00	s METAL 15K 5X 1/10W
R172	1-216-025-00	s METAL 100 5X 1/10W
R173	1-216-057-00	s METAL 2.2K 5X 1/10W
R174	1-216-073-00	s METAL 10K 5X 1/10W
R175	1-216-025-00	s METAL 100 5X 1/10W

(IE-20AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV1	1-237-034-11	s RES. ADJ. CERMET 2K
RV2	1-237-032-11	s RES. ADJ. CERMET 500
RV3	1-237-035-11	s RES. ADJ. CERMET 5K
RV4	1-228-471-00	s RES. ADJ. CERMET 1K
RV5	1-228-474-00	s RES. ADJ. CERMET 10K
RV6	1-237-035-11	s RES. ADJ. CERMET 5K
RV7	1-228-472-00	s RES. ADJ. CERMET 2K
RV8	1-228-470-00	s RES. ADJ. CERMET 500
RV9	1-237-041-11	s RES. ADJ. CERMET 500K
RV10	1-237-034-11	s RES. ADJ. CERMET 2K
RV11	1-237-035-11	s RES. ADJ. CERMET 5K
RV12	1-237-038-11	s RES. ADJ. CERMET 50K
S1	1-570-610-11	s SWITCH, TOGGLE

KY-124 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-549-11	o PRINTED CIRCUIT BOARD, KY-124
CN1	1-565-143-11	o CONNECTOR, 10P, MALE
D1	8-719-920-65	s DIODE GL-1HD1
D2	8-719-920-65	s DIODE GL-1HD1
D3	8-719-920-65	s DIODE GL-1HD1
R1	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R2	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R3	1-216-045-00	s METAL, CHIP 680 5% 1/10W
S1	1-554-371-51	s SWITCH, TACTILE
S2	1-554-371-51	s SWITCH, TACTILE
S3	1-554-371-51	s SWITCH, TACTILE
S4	1-554-371-51	s SWITCH, TACTILE
S5	1-554-371-51	s SWITCH, TACTILE

LD-21 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6725-602-A	o MOUNTED CIRCUIT BOARD, LD-21
1pc	3-723-091-01	o HOLDER, TOP SENSOR
C1	1-163-141-00	s CERAMIC, CHIP 0.001uF 5% 50V
C2	1-164-232-11	s CERAMIC, 0.01uF 10% 50V
C3	1-163-141-00	s CERAMIC, CHIP 0.001uF 5% 50V
C4	1-163-038-00	s CERAMIC, CHIP 0.1uF 25V
CN1	1-506-471-11	s CONNECTOR, 6P, MALE
D1	8-719-106-36	s DIODE R8.2M-B3
IC1	8-759-948-05	s IC 8A6229
L1	1-408-773-31	s INDUCTOR CHIP 4.7uH
L2	1-408-773-31	s INDUCTOR CHIP 4.7uH
L11	1-464-909-21	s COIL, SENSOR
Q1	8-729-100-66	s TRANSISTOR 2SC1623
R1	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R2	1-216-308-00	s METAL 4.7 5% 1/10W
R3	1-216-309-00	s METAL 5.6 5% 1/10W

LP-40 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-086-14	o PRINTED CIRCUIT BOARD, LP-40
D1	8-719-950-72	s DIODE BRO035

LP-42 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-087-11	o PRINTED CIRCUIT BOARD, LP-42
D1	8-719-950-44	s DIODE GL5LR40, RED
D2	8-719-950-44	s DIODE GL5LR40, RED

LP-58A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-635-204-12	o PRINTED CIRCUIT BOARD, LP-58A
D1	8-719-950-72	s DIODE BR0035

MB-173AP BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-963-A	o MOUNTED CIRCUIT BOARD, MB-17
2pcs	3-722-391-01	o HOLDER, 6P2S09
26pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
C1	1-135-159-21	s TANTAL 10uF 10% 10V
C2	1-162-638-11	s CERAMIC 1uF 16V
C3	1-126-394-11	s ELECT 10uF 20% 16V
C4	1-162-638-11	s CERAMIC 1uF 16V
C5	1-126-394-11	s ELECT 10uF 20% 16V
C6	1-135-156-21	s TANTAL 6.8uF 10% 6.3
C7	1-135-156-21	s TANTAL 6.8uF 10% 6.3
C81	1-162-568-11	s CERAMIC 0.33uF 25V
C82	1-162-568-11	s CERAMIC 0.33uF 25V
C83	1-135-166-21	s TANTAL 47uF 20% 6.3V
C64	1-163-143-00	s CERAMIC 0.0012uF 5% 50V
C85	1-135-166-21	s TANTAL 47uF 20% 6.3V
C86	1-126-390-11	s ELECT 22uF 20% 6.3V
C101	1-162-638-11	s CERAMIC 1uF 16V
C102	1-162-638-11	s CERAMIC 1uF 16V
C103	1-162-638-11	s CERAMIC 1uF 16V
C104	1-162-638-11	s CERAMIC 1uF 16V
C105	1-162-638-11	s CERAMIC 1uF 16V
C106	1-162-638-11	s CERAMIC 1uF 16V
C121	1-162-638-11	s CERAMIC 1uF 16V
C123	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C124	1-164-161-11	s CERAMIC 0.0022uF 10% 50V
C125	1-163-023-00	s CERAMIC 0.015uF 10% 50V
C126	1-135-159-21	s TANTAL 10uF 10% 16V
C127	1-135-159-21	s TANTAL 10uF 10% 16V
C128	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C151	1-126-403-11	s ELECT 3.3uF 20% 50V
C152	1-126-403-11	s ELECT 3.3uF 20% 50V
C153	1-126-403-11	s ELECT 3.3uF 20% 50V
C154	1-163-093-00	s CERAMIC 10PF 5% 50V
C155	1-163-093-00	s CERAMIC 10PF 5% 50V
C156	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C157	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C201	1-163-037-11	s CERAMIC 0.022uF 10% 25V
C202	1-163-037-11	s CERAMIC 0.022uF 10% 25V
C401	1-135-092-21	s TANTAL 3.3uF 10% 16V
C402	1-164-004-11	s CERAMIC 0.1uF 10% 25V
C403	1-126-394-11	s ELECT 10uF 20% 16V
C404	1-164-004-11	s CERAMIC 0.1uF 10% 25V
C405	1-164-232-11	s CERAMIC 0.01uF 10% 50V
CN1	1-566-962-11	o CONNECTOR, 50P
CN2	1-566-962-11	o CONNECTOR, 50P
CN3	1-566-962-11	o CONNECTOR, 50P
CN4	1-566-962-11	o CONNECTOR, 50P
CN5	1-566-962-11	o CONNECTOR, 50P

(MB-173AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
CN6	1-566-962-11	o CONNECTOR, 50P
CN7	1-566-962-11	o CONNECTOR, 50P
CN8	1-566-962-11	o CONNECTOR, 50P
CN9	1-566-962-11	o CONNECTOR, 50P
CN10	1-566-962-11	o CONNECTOR, 50P
CN11	1-566-962-11	o CONNECTOR, 50P
CN12	1-566-962-11	o CONNECTOR, 50P
CN13	1-566-962-11	o CONNECTOR, 50P
CN21	1-566-400-11	o PIN, CONNECTOR 20P
CN22	1-566-391-11	o PIN, CONNECTOR 12P
CN23	1-506-468-11	s PIN, CONNECTOR 3P
CN24	1-506-470-11	s PIN, CONNECTOR 5P
CN25	1-506-468-11	o PIN, CONNECTOR 3P
CN31	1-566-536-11	s CONNECTOR, FPC (ZIF) 20P
CN32	1-566-536-11	s CONNECTOR, FPC (ZIF) 20P
CN41	1-562-772-11	o CONNECTOR (F) 12P
CN42	1-562-772-11	o CONNECTOR (F) 12P
CN43	1-562-772-11	o CONNECTOR (F) 12P
CN44	1-562-773-11	o CONNECTOR (F) 40P
CN50	1-566-391-11	o PIN, CONNECTOR 12P
CN51	1-566-397-11	o PIN, CONNECTOR 14P
CN52	1-506-471-11	o PIN, CONNECTOR 6P
CN53	1-506-469-11	s PIN, CONNECTOR 4P
CN54	1-566-398-11	o PIN, CONNECTOR 16P
CN55	1-506-470-11	s PIN, CONNECTOR 5P
CN56	1-506-481-11	s PIN, CONNECTOR 2P
CN57	1-506-470-41	o PIN, CONNECTOR 5P
CN58	1-566-395-11	o PIN, CONNECTOR 10P
CN59	1-565-157-11	o PIN, CONNECTOR (ANGLE) 10P
CN60	1-564-710-11	s PIN HEADER, 8P
CN61	1-506-468-11	o PIN, CONNECTOR 3P
CN62	1-506-469-11	o PIN, CONNECTOR 4P
CN63	1-506-468-11	s PIN, CONNECTOR 3P
CN64	1-564-704-11	o PIN HEADER, 2P
D61	8-719-941-23	s DIODE DA204UT106
D62	8-719-941-23	s DIODE DA204UT106
D63	8-719-105-28	s DIODE RD2.4M-B
D64	8-719-105-28	s DIODE RD2.4M-B
D101	8-719-200-36	s DIODE E10QS04
D102	8-719-200-36	s DIODE E10QS04
D103	8-719-200-36	s DIODE E10QS04
D105	8-719-106-88	s DIODE RD15M-B1
D151	8-719-800-76	s DIODE ISS226
D152	8-719-800-76	s DIODE ISS226
D401	8-719-800-76	s DIODE ISS226
D402	8-719-800-76	s DIODE ISS226

(MB-173AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC1	8-759-403-48	s IC AN6701S
IC2	8-759-009-07	s IC MC14053BF
IC3	8-759-209-57	s IC TC4S69P
IC61	8-759-906-53	s IC TL062CPS
IC62	8-759-009-07	s IC MC14053BF
IC63	8-759-981-86	s IC RC4558MA
IC101	8-759-805-06	s IC CXA1127M
IC102	8-759-100-94	s IC UPC35862
IC121	8-759-981-92	s IC RC4558M
IC122	8-759-981-92	s IC RC4558M
IC151	8-759-981-54	s IC RC2041MD
IC201	8-759-009-37	s IC MC14512BF
IC202	8-759-009-37	s IC MC14512BF
IC401	8-759-981-65	s IC LM2903M
IC402	8-759-605-18	s IC CX-518
IC403	8-759-209-90	s IC TC4S71F
IC404	8-759-009-07	s IC MC14053BF
L1	1-408-785-21	s INDUCTOR CHIP 47uH
L2	1-408-785-21	s INDUCTOR CHIP 47uH
L16	1-408-785-21	s INDUCTOR CHIP 47uH
L151	1-408-776-00	s INDUCTOR CHIP 8.2uH
L152	1-408-776-00	s INDUCTOR CHIP 8.2uH
PD31	8-719-939-05	s GP1S54
PD32	8-719-939-05	s GP1S54
PD33	8-719-939-05	s GP1S54
PD34	8-719-939-05	s GP1S54
PD35	8-719-939-05	s GP1S54
PD36	8-719-939-11	s GP2S09-B
PD37	8-719-939-11	s GP2S09-B
Q1	8-729-162-43	s TRANSISTOR 2SB624-BV3
Q2	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q3	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q4	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q5	8-729-117-16	s TRANSISTOR 2SA1617-M6
Q6	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q31	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q32	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q33	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q34	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q35	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q36	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q37	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q107	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q108	8-729-109-44	s TRANSISTOR 2SK94
Q151	8-729-271-31	s TRANSISTOR 2SC2713G
Q301	8-729-906-33	s TRANSISTOR DTC114VU
Q401	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q402	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q403	8-729-109-44	s TRANSISTOR 2SK94

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Ref. No. or Q'ty	Part No.	SP Description
Q404	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q405	8-729-117-16	s TRANSISTOR 2SA1611-M6
R1	1-216-690-11	s METAL 43K 5% 1/10W
R2	1-216-085-00	s METAL 33K 5% 1/10W
R3	1-216-083-00	s METAL 27K 5% 1/10W
R4	1-216-025-00	s METAL 100 5% 1/10W
R5	1-216-025-00	s METAL 100 5% 1/10W
R6	1-216-079-00	s METAL 18K 5% 1/10W
R7	1-216-675-11	s METAL 10K 0.5% 1/10W
R8	1-216-677-11	s METAL 12K 0.5% 1/10W
R9	1-216-680-11	s METAL 16K 0.5% 1/10W
R10	1-216-684-11	s METAL 24K 0.5% 1/10W
R11	1-216-624-11	s METAL 75 0.5% 1/10W
R12	1-216-001-00	s METAL 10 5% 1/10W
R14	1-216-097-00	s METAL 100K 5% 1/10W
R15	1-216-065-00	s METAL 4.7K 5% 1/10W
R16	1-216-025-00	s METAL 100 5% 1/10W
R17	1-216-073-00	s METAL 10K 5% 1/10W
R18	1-216-049-00	s METAL 1K 5% 1/10W
R19	1-216-049-00	s METAL 1K 5% 1/10W
R20	1-216-097-00	s METAL 100K 5% 1/10W
R21	1-216-073-00	s METAL 10K 5% 1/10W
R22	1-216-073-00	s METAL 10K 5% 1/10W
R23	1-216-025-00	s METAL 100 5% 1/10W
R24	1-216-065-00	s METAL 4.7K 5% 1/10W
R25	1-216-021-00	s METAL 68 5% 1/10W
R26	1-216-067-00	s METAL 5.6K 5% 1/10W
R27	1-216-093-00	s METAL 68K 5% 1/10W
R28	1-216-073-00	s METAL 10K 5% 1/10W
R29	1-216-093-00	s METAL 68K 5% 1/10W
R30	1-216-073-00	s METAL 10K 5% 1/10W
R31	1-216-047-00	s METAL 820 5% 1/10W
R32	1-216-109-00	s METAL 330K 5% 1/10W
R33	1-216-073-00	s METAL 10K 5% 1/10W
R34	1-216-047-00	s METAL 820 5% 1/10W
R35	1-216-109-00	s METAL 330K 5% 1/10W
R36	1-216-073-00	s METAL 10K 5% 1/10W
R37	1-216-047-00	s METAL 820 5% 1/10W
R38	1-216-109-00	s METAL 330K 5% 1/10W
R39	1-216-073-00	s METAL 10K 5% 1/10W
R40	1-216-047-00	s METAL 820 5% 1/10W
R41	1-216-109-00	s METAL 330K 5% 1/10W
R42	1-216-073-00	s METAL 10K 5% 1/10W
R43	1-216-047-00	s METAL 820 5% 1/10W
R44	1-216-109-00	s METAL 330K 5% 1/10W
R45	1-216-073-00	s METAL 10K 5% 1/10W
R46	1-216-043-00	s METAL 560 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R47	1-216-111-00	s METAL 390K 5% 1/10W
R48	1-216-073-00	s METAL 10K 5% 1/10W
R49	1-216-105-00	s METAL 220K 5% 1/10W
R50	1-216-111-00	s METAL 390K 5% 1/10W
R51	1-216-073-00	s METAL 10K 5% 1/10W
R52	1-216-105-00	s METAL 220K 5% 1/10W
R61	1-216-077-00	s METAL 15K 5% 1/10W
R62	1-216-085-00	s METAL 33K 5% 1/10W
R63	1-216-097-00	s METAL 100K 5% 1/10W
R64	1-216-097-00	s METAL 100K 5% 1/10W
R65	1-216-105-00	s METAL 220K 5% 1/10W
R66	1-216-089-00	s METAL 47K 5% 1/10W
R67	1-216-121-00	s METAL 1M 5% 1/10W
R68	1-216-049-00	s METAL 1K 5% 1/10W
R69	1-216-097-00	s METAL 100K 5% 1/10W
R70	1-216-097-00	s METAL 100K 5% 1/10W
R71	1-216-097-00	s METAL 100K 5% 1/10W
R72	1-216-624-11	s METAL 75 0.5% 1/10W
R73	1-216-089-00	s METAL 47K 5% 1/10W
R74	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R75	1-216-662-11	s METAL 3K 0.5% 1/10W
R76	1-216-049-00	s METAL 1K 5% 1/10W
R77	1-216-077-00	s METAL 15K 5% 1/10W
R78	1-216-686-11	s METAL 30K 0.5% 1/10W
R79	1-216-105-00	s METAL 220K 5% 1/10W
R80	1-216-031-00	s METAL 180 5% 1/10W
R101	1-216-691-11	s METAL 47K 0.5% 1/10W
R102	1-216-049-00	s METAL 1K 5% 1/10W
R103	1-216-683-11	s METAL 22K 0.5% 1/10W
R104	1-216-687-11	s METAL 33K 0.5% 1/10W
R116	1-216-651-11	s METAL 1K 0.5% 1/10W
R121	1-216-651-11	s METAL 1K 0.5% 1/10W
R122	1-216-679-11	s METAL 15K 0.5% 1/10W
R123	1-216-651-11	s METAL 1K 0.5% 1/10W
R124	1-216-679-11	s METAL 15K 0.5% 1/10W
R125	1-216-061-00	s METAL 3.3K 5% 1/10W
R127	1-216-117-00	s METAL 680K 5% 1/10W
R128	1-216-089-00	s METAL 47K 5% 1/10W
R129	1-216-061-00	s METAL 3.3K 5% 1/10W
R130	1-216-069-00	s METAL 6.8K 5% 1/10W
R131	1-216-113-00	s METAL 470K 5% 1/10W
R132	1-216-073-00	s METAL 10K 5% 1/10W
R133	1-216-063-00	s METAL 3.9K 5% 1/10W
R134	1-216-065-00	s METAL 4.7K 5% 1/10W
R151	1-216-083-00	s METAL 27K 5% 1/10W
R153	1-216-691-11	s METAL 47K 0.5% 1/10W
R154	1-216-691-11	s METAL 47K 0.5% 1/10W
R155	1-216-638-11	s METAL 300 0.5% 1/10W
R157	1-216-667-11	s METAL 4.7K 0.5% 1/10W
R158	1-216-667-11	s METAL 4.7K 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R161	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R162	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R163	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R164	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R166	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R167	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R168	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R169	1-216-671-11	s METAL 6.8K 0.5% 1/10W
R201	1-216-097-00	s METAL 100K 5% 1/10W
R202	1-216-097-00	s METAL 100K 5% 1/10W
R203	1-216-097-00	s METAL 100K 5% 1/10W
R204	1-216-097-00	s METAL 100K 5% 1/10W
R205	1-216-097-00	s METAL 100K 5% 1/10W
R206	1-216-097-00	s METAL 100K 5% 1/10W
R207	1-216-097-00	s METAL 100K 5% 1/10W
R208	1-216-049-00	s METAL 1K 5% 1/10W
R209	1-216-049-00	s METAL 1K 5% 1/10W
R210	1-216-049-00	s METAL 1K 5% 1/10W
R211	1-216-097-00	s METAL 100K 5% 1/10W
R212	1-216-097-00	s METAL 100K 5% 1/10W
R213	1-216-097-00	s METAL 100K 5% 1/10W
R214	1-216-089-00	s METAL 47K 5% 1/10W
R215	1-216-089-00	s METAL 47K 5% 1/10W
R216	1-216-097-00	s METAL 100K 5% 1/10W
R217	1-216-097-00	s METAL 100K 5% 1/10W
R218	1-216-097-00	s METAL 100K 5% 1/10W
R219	1-216-049-00	s METAL 1K 5% 1/10W
R220	1-216-049-00	s METAL 1K 5% 1/10W
R221	1-216-049-00	s METAL 1K 5% 1/10W
R222	1-216-097-00	s METAL 100K 5% 1/10W
R223	1-216-097-00	s METAL 100K 5% 1/10W
R224	1-216-097-00	s METAL 100K 5% 1/10W
R225	1-216-097-00	s METAL 100K 5% 1/10W
R226	1-216-049-00	s METAL 1K 5% 1/10W
R227	1-216-049-00	s METAL 1K 5% 1/10W
R301	1-216-037-00	s METAL 330 5% 1/10W
R302	1-216-081-00	s METAL 22K 5% 1/10W
R303	1-216-051-00	s METAL 1.2K 5% 1/10W
R304	1-216-049-00	s METAL 1K 5% 1/10W
R401	1-216-113-00	s METAL 470K 5% 1/10W
R402	1-216-081-00	s METAL 22K 5% 1/10W
R403	1-216-085-00	s METAL 33K 5% 1/10W
R404	1-216-113-00	s METAL 470K 5% 1/10W
R405	1-216-073-00	s METAL 10K 5% 1/10W
R406	1-216-065-00	s METAL 4.7K 5% 1/10W
R407	1-216-097-00	s METAL 100K 5% 1/10W
R408	1-216-041-00	s METAL 470 5% 1/10W
R409	1-216-049-00	s METAL 1K 5% 1/10W
R410	1-216-073-00	s METAL 10K 5% 1/10W
R411	1-216-049-00	s METAL 1K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R412	1-216-089-00	s METAL 47K 5% 1/10W
R413	1-216-073-00	s METAL 10K 5% 1/10W
R414	1-216-089-00	s METAL 47K 5% 1/10W
R415	1-216-109-00	s METAL 330K 5% 1/10W
R416	1-216-089-00	s METAL 47K 5% 1/10W

PA-101 BOARD

(PA-101 BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
ipc	A-7513-958-A	o MOUNTED CIRCUIT BOARD, PA-101	CN6	1-506-467-11	o PIN, CONNECTOR 2P
C1	1-131-367-00	s TANTALUM 22uF 10% 16V	FL1	1-236-184-11	s FILTER, TRAP
C2	1-163-038-00	s CERAMIC 0.1uF 25V	FL2	1-236-184-11	s FILTER, TRAP
C3	1-163-101-00	s CERAMIC 22PF 5% 50V	FL3	1-236-184-11	s FILTER, TRAP
C4	1-163-101-00	s CERAMIC 22PF 5% 50V	Q1	8-729-122-63	s TRANSISTOR 2SA1226
C5	1-163-038-00	s CERAMIC 0.1uF 25V	Q2	8-765-930-08	s TRANSISTOR 3SK163-2
C6	1-163-038-00	s CERAMIC 0.1uF 25V	Q3	8-729-100-66	s TRANSISTOR 2SC1623
C7	1-163-038-00	s CERAMIC 0.1uF 25V	Q4	8-729-122-63	s TRANSISTOR 2SA1226
C8	1-163-101-00	s CERAMIC 22PF 5% 50V	Q5	8-765-930-08	s TRANSISTOR 3SK163-2
C10	1-163-100-00	s CERAMIC 20PF 5% 50V	Q6	8-729-802-80	s TRANSISTOR 2SC3661
C11	1-131-367-00	s TANTALUM 22uF 10% 16V	Q7	8-729-122-63	s TRANSISTOR 2SA1226
C12	1-163-038-00	s CERAMIC 0.1uF 25V	Q8	8-765-930-08	s TRANSISTOR 3SK163-2
C13	1-131-367-00	s TANTALUM 22uF 10% 16V	Q9	8-729-802-80	s TRANSISTOR 2SC3661
C14	1-131-367-00	s TANTALUM 22uF 10% 16V	Q10	8-729-175-72	s TRANSISTOR 2SC2757
C15	1-163-038-00	s CERAMIC 0.1uF 25V	Q11	8-729-100-66	s TRANSISTOR 2SC1623
C16	1-163-101-00	s CERAMIC 22PF 5% 50V	Q12	8-729-175-72	s TRANSISTOR 2SC2757
C17	1-163-101-00	s CERAMIC 22PF 5% 50V	Q13	8-729-100-66	s TRANSISTOR 2SC1623
C18	1-163-038-00	s CERAMIC 0.1uF 25V	Q14	8-765-930-08	s TRANSISTOR 3SK163-2
C19	1-163-101-00	s CERAMIC 22PF 5% 50V	Q15	8-729-175-72	s TRANSISTOR 2SC2757
C21	1-163-114-00	s CERAMIC 75PF 5% 50V	Q16	8-729-122-63	s TRANSISTOR 2SA1226
C22	1-131-367-00	s TANTALUM 22uF 10% 16V	Q17	8-765-930-08	s TRANSISTOR 3SK163-2
C23	1-163-038-00	s CERAMIC 0.1uF 25V	Q18	8-729-100-66	s TRANSISTOR 2SC1623
C24	1-131-367-00	s TANTALUM 22uF 10% 16V	Q19	8-729-122-63	s TRANSISTOR 2SA1226
C25	1-163-038-00	s CERAMIC 0.1uF 25V	Q20	8-765-930-08	s TRANSISTOR 3SK163-2
C26	1-131-367-00	s TANTALUM 22uF 10% 16V	Q21	8-729-802-80	s TRANSISTOR 2SC3661
C28	1-163-101-00	s CERAMIC 22PF 5% 50V	Q22	8-729-122-63	s TRANSISTOR 2SA1226
C29	1-163-101-00	s CERAMIC 22PF 5% 50V	Q23	8-765-930-08	s TRANSISTOR 3SK163-2
C30	1-163-038-00	s CERAMIC 0.1uF 25V	Q24	8-729-802-80	s TRANSISTOR 2SC3661
C31	1-163-038-00	s CERAMIC 0.1uF 25V	Q25	8-729-175-72	s TRANSISTOR 2SC2757
C32	1-163-101-00	s CERAMIC 22PF 5% 50V	Q26	8-729-100-66	s TRANSISTOR 2SC1623
C34	1-163-107-00	s CERAMIC 39PF 5% 50V	Q27	8-729-175-72	s TRANSISTOR 2SC2757
C35	1-131-367-00	s TANTALUM 22uF 10% 16V	Q28	8-729-100-66	s TRANSISTOR 2SC1623
C36	1-163-038-00	s CERAMIC 0.1uF 25V	Q29	8-765-930-08	s TRANSISTOR 3SK163-2
C37	1-131-367-00	s TANTALUM 22uF 10% 16V	Q30	8-729-175-72	s TRANSISTOR 2SC2757
C41	1-163-101-00	s CERAMIC 22PF 5% 50V	Q31	8-729-216-22	s TRANSISTOR 2SA812
C42	1-163-101-00	s CERAMIC 22PF 5% 50V	Q32	8-729-122-63	s TRANSISTOR 2SA1226
C43	1-163-038-00	s CERAMIC 0.1uF 25V	Q33	8-765-930-08	s TRANSISTOR 3SK163-2
C44	1-163-038-00	s CERAMIC 0.1uF 25V	Q34	8-729-100-66	s TRANSISTOR 2SC1623
C45	1-131-367-00	s TANTALUM 22uF 10% 16V	Q35	8-729-122-63	s TRANSISTOR 2SA1226
C48	1-163-118-00	s CERAMIC 110PF 5% 50V	Q36	8-765-930-08	s TRANSISTOR 3SK163-2
C49	1-163-100-00	s CERAMIC 20PF 5% 50V	Q37	8-729-100-66	s TRANSISTOR 2SC1623
C50	1-163-128-00	s CERAMIC 300PF 5% 50V	Q39	8-729-122-63	s TRANSISTOR 2SA1226
C51	1-163-102-00	s CERAMIC 24PF 5% 50V	Q40	8-765-930-08	s TRANSISTOR 3SK163-2
C52	1-163-135-00	s CERAMIC 560PF 5% 50V	Q41	8-729-100-66	s TRANSISTOR 2SC1623
CN1	1-506-471-11	o PIN, CONNECTOR 6P	Q43	8-765-930-08	s TRANSISTOR 3SK163-2
CN2	1-506-469-11	o PIN, CONNECTOR 4P	Q44	8-729-175-72	s TRANSISTOR 2SC2757
CN3	1-563-238-11	o PIN, CONNECTOR 15P	Q45	8-729-100-66	s TRANSISTOR 2SC1623
CN4	1-506-467-11	o PIN, CONNECTOR 2P	Q46	8-729-175-72	s TRANSISTOR 2SC2757
CN5	1-506-467-11	o PIN, CONNECTOR 2P	Q47	8-729-100-66	s TRANSISTOR 2SC1623

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Ref. No. or Q'ty	Part No.	SP Description
Q48	8-729-175-72	s TRANSISTOR 2SC2757
Q49	8-729-122-63	s TRANSISTOR 2SA1226
Q50	8-765-930-08	s TRANSISTOR 3SK163-2
Q51	8-729-802-80	s TRANSISTOR 2SC3661
Q52	8-729-122-63	s TRANSISTOR 2SA1226
Q53	8-765-930-08	s TRANSISTOR 3SK163-2
Q54	8-729-802-80	s TRANSISTOR 2SC3661
Q55	8-729-216-22	s TRANSISTOR 2SA812
Q56	8-729-216-22	s TRANSISTOR 2SA812
Q57	8-729-216-22	s TRANSISTOR 2SA812
R1	1-216-643-11	s METAL 470 0.5% 1/10W
R2	1-216-085-00	s METAL 33K 5% 1/10W
R3	1-216-083-00	s METAL 27K 5% 1/10W
R4	1-216-065-00	s METAL 4.7K 5% 1/10W
R5	1-216-013-00	s METAL 33 5% 1/10W
R6	1-216-077-00	s METAL 15K 5% 1/10W
R7	1-216-055-00	s METAL 1.8K 5% 1/10W
R8	1-216-748-11	s METAL 39K 5% 1/10W
R9	1-216-107-00	s METAL 270K 5% 1/10W
R10	1-216-013-00	s METAL 33 5% 1/10W
R11	1-216-049-00	s METAL 1K 5% 1/10W
R12	1-216-065-00	s METAL 4.7K 5% 1/10W
R13	1-216-651-11	s METAL 1K 0.5% 1/10W
R14	1-216-091-00	s METAL 56K 5% 1/10W
R15	1-216-107-00	s METAL 270K 5% 1/10W
R16	1-216-055-00	s METAL 1.8K 5% 1/10W
R17	1-216-013-00	s METAL 33 5% 1/10W
R18	1-216-049-00	s METAL 1K 5% 1/10W
R19	1-216-065-00	s METAL 4.7K 5% 1/10W
R20	1-216-651-11	s METAL 1K 0.5% 1/10W
R21	1-216-099-00	s METAL 120K 5% 1/10W
R22	1-216-643-11	s METAL 470 0.5% 1/10W
R23	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R24	1-216-033-00	s METAL 220 5% 1/10W
R25	1-216-033-00	s METAL 220 5% 1/10W
R26	1-216-603-11	s METAL 10 0.5% 1/10W
R27	1-216-069-00	s METAL 6.8K 5% 1/10W
R28	1-216-065-00	s METAL 4.7K 5% 1/10W
R29	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R31	1-216-643-11	s METAL 470 0.5% 1/10W
R32	1-216-085-00	s METAL 33K 5% 1/10W
R33	1-216-083-00	s METAL 27K 5% 1/10W
R34	1-216-065-00	s METAL 4.7K 5% 1/10W
R35	1-216-013-00	s METAL 33 5% 1/10W
R36	1-216-077-00	s METAL 15K 5% 1/10W
R37	1-216-055-00	s METAL 1.8K 5% 1/10W
R38	1-216-107-00	s METAL 270K 5% 1/10W
R39	1-216-748-11	s METAL 39K 5% 1/10W
R40	1-216-013-00	s METAL 33 5% 1/10W
R41	1-216-049-00	s METAL 1K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R42	1-216-065-00	s METAL 4.7K 5% 1/10W
R43	1-216-651-11	s METAL 1K 0.5% 1/10W
R44	1-216-055-00	s METAL 1.8K 5% 1/10W
R45	1-216-013-00	s METAL 33 5% 1/10W
R46	1-216-049-00	s METAL 1K 5% 1/10W
R47	1-216-065-00	s METAL 4.7K 5% 1/10W
R48	1-216-651-11	s METAL 1K 0.5% 1/10W
R49	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R50	1-216-693-11	s METAL 56K 0.5% 1/10W
R51	1-216-635-11	s METAL 220 0.5% 1/10W
R52	1-216-033-00	s METAL 220 5% 1/10W
R53	1-216-033-00	s METAL 220 5% 1/10W
R54	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R55	1-216-603-11	s METAL 10 0.5% 1/10W
R56	1-216-069-00	s METAL 6.8K 5% 1/10W
R57	1-216-065-00	s METAL 4.7K 5% 1/10W
R58	1-216-069-00	s METAL 6.8K 5% 1/10W
R59	1-216-083-00	s METAL 27K 5% 1/10W
R60	1-216-665-11	s METAL 3.9K 0.5% 1/10W
R61	1-216-643-11	s METAL 470 0.5% 1/10W
R62	1-216-085-00	s METAL 33K 5% 1/10W
R63	1-216-065-00	s METAL 4.7K 5% 1/10W
R64	1-216-083-00	s METAL 27K 5% 1/10W
R65	1-216-093-00	s METAL 68K 5% 1/10W
R66	1-216-077-00	s METAL 15K 5% 1/10W
R67	1-216-013-00	s METAL 33 5% 1/10W
R68	1-216-077-00	s METAL 15K 5% 1/10W
R69	1-216-065-00	s METAL 4.7K 5% 1/10W
R70	1-216-107-00	s METAL 270K 5% 1/10W
R71	1-216-013-00	s METAL 33 5% 1/10W
R72	1-216-049-00	s METAL 1K 5% 1/10W
R73	1-216-077-00	s METAL 15K 5% 1/10W
R74	1-216-651-11	s METAL 1K 0.5% 1/10W
R75	1-216-055-00	s METAL 1.8K 5% 1/10W
R76	1-216-013-00	s METAL 33 5% 1/10W
R77	1-216-049-00	s METAL 1K 5% 1/10W
R78	1-216-651-11	s METAL 1K 0.5% 1/10W
R79	1-216-077-00	s METAL 15K 5% 1/10W
R80	1-216-091-00	s METAL 56K 5% 1/10W
R81	1-216-107-00	s METAL 270K 5% 1/10W
R82	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R83	1-216-106-00	s METAL 240K 5% 1/10W
R84	1-216-643-11	s METAL 470 0.5% 1/10W
R85	1-216-033-00	s METAL 220 5% 1/10W
R86	1-216-033-00	s METAL 220 5% 1/10W
R87	1-216-655-11	s METAL 1.5K 0.5% 1/10W
R88	1-216-603-11	s METAL 10 0.5% 1/10W
R89	1-216-069-00	s METAL 6.8K 5% 1/10W
R90	1-216-065-00	s METAL 4.7K 5% 1/10W
R91	1-216-748-11	s METAL 39K 5% 1/10W

(PA-101 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R93	1-216-055-00	s METAL 1.8K 5% 1/10W
R94	1-216-107-00	s METAL 270K 5% 1/10W
R95	1-216-748-11	s METAL 39K 5% 1/10W
R96	1-216-013-00	s METAL 33 5% 1/10W
R97	1-216-065-00	s METAL 4.7K 5% 1/10W
R98	1-216-055-00	s METAL 1.8K 5% 1/10W
R99	1-216-013-00	s METAL 33 5% 1/10W
R100	1-216-065-00	s METAL 4.7K 5% 1/10W
R101	1-216-664-11	s METAL 3.6K 0.5% 1/10W
R102	1-216-063-00	s METAL 3.9K 5% 1/10W
R103	1-216-025-00	s METAL 100 5% 1/10W
R104	1-216-670-11	s METAL 6.2K 0.5% 1/10W
R105	1-216-063-00	s METAL 3.9K 5% 1/10W
R106	1-216-025-00	s METAL 100 5% 1/10W
R107	1-216-675-11	s METAL 10K 0.5% 1/10W
R108	1-216-063-00	s METAL 3.9K 5% 1/10W
R109	1-216-025-00	s METAL 100 5% 1/10W
R110	1-216-025-00	s METAL 100 5% 1/10W
R111	1-216-025-00	s METAL 100 5% 1/10W
R112	1-216-025-00	s METAL 100 5% 1/10W
R114	1-216-689-11	s METAL 39K 0.5% 1/10W
R115	1-216-099-00	s METAL 120K 5% 1/10W
RV1	1-237-041-11	s RES, ADJ, CERMET 500K
RV2	1-237-041-11	s RES, ADJ, CERMET 500K
RV3	1-237-041-11	s RES, ADJ, CERMET 500K

PR-132 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-947-A	o MOUNTED CIRCUIT BOARD, PR-132
1pc	3-724-710-01	o PLATE (PR-102), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-623-952-21	s WASHER 2.0, FIBER
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-131-365-00	s TANTALUM 10uF 10% 16V
C2	1-163-038-00	s CERAMIC 0.1uF 25V
C3	1-131-365-00	s TANTALUM 10uF 10% 16V
C4	1-163-038-00	s CERAMIC 0.1uF 25V
C5	1-163-038-00	s CERAMIC 0.1uF 25V
C6	1-163-038-00	s CERAMIC 0.1uF 25V
C7	1-162-638-11	s CERAMIC 1uF 16V
C8	1-163-035-00	s CERAMIC 0.047uF 50V
C9	1-126-151-11	s ELECT 4.7uF 20% 16V
C10	1-163-038-00	s CERAMIC 0.1uF 25V
C16	1-163-097-00	s CERAMIC 15PF 5% 50V
C17	1-135-159-21	s TANTAL 10uF 10% 16V
C18	1-163-038-00	s CERAMIC 0.1uF 25V
C19	1-135-145-11	s TANTAL 0.47uF 10% 25V
C20	1-135-145-11	s TANTAL 0.47uF 10% 25V
C21	1-135-155-21	s TANTAL 4.7uF 10% 10V
C22	1-163-038-00	s CERAMIC 0.1uF 25V
C23	1-163-038-00	s CERAMIC 0.1uF 25V
C24	1-162-638-11	s CERAMIC 1uF 16V
C25	1-163-035-00	s CERAMIC 0.047uF 50V
C26	1-126-151-11	s ELECT 4.7uF 20% 16V
C27	1-163-038-00	s CERAMIC 0.1uF 25V
C34	1-163-097-00	s CERAMIC 15PF 5% 50V
C35	1-135-159-21	s TANTAL 10uF 10% 16V
C36	1-163-038-00	s CERAMIC 0.1uF 25V
C37	1-135-159-21	s TANTAL 10uF 10% 16V
C38	1-163-038-00	s CERAMIC 0.1uF 25V
C39	1-135-159-21	s TANTAL 10uF 10% 16V
C40	1-163-038-00	s CERAMIC 0.1uF 25V
C41	1-135-145-11	s TANTAL 0.47uF 10% 25V
C42	1-135-145-11	s TANTAL 0.47uF 10% 25V
C43	1-163-038-00	s CERAMIC 0.1uF 25V
C44	1-163-038-00	s CERAMIC 0.1uF 25V
C45	1-162-638-11	s CERAMIC 1uF 16V
C46	1-163-035-00	s CERAMIC 0.047uF 50V
C47	1-126-151-11	s ELECT 4.7uF 20% 16V
C48	1-163-038-00	s CERAMIC 0.1uF 25V
C50	1-135-145-11	s TANTAL 0.47uF 10% 25V
C55	1-163-097-00	s CERAMIC 15PF 5% 50V
C56	1-135-159-21	s TANTAL 10uF 10% 16V

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C57	1-163-038-00	s CERAMIC 0.1uF 25V
C58	1-135-159-21	s TANTAL 10uF 10% 16V
C59	1-163-038-00	s CERAMIC 0.1uF 25V
C61	1-135-159-21	s TANTAL 10uF 10% 16V
C62	1-135-145-11	s TANTAL 0.47uF 10% 25V
C63	1-131-374-00	s TANTALUM 33uF 10% 10V
C64	1-163-038-00	s CERAMIC 0.1uF 25V
C65	1-135-125-21	s TANTAL 33uF 20% 10V
C66	1-135-125-21	s TANTAL 33uF 20% 10V
C70	1-163-038-00	s CERAMIC 0.1uF 25V
C71	1-163-038-00	s CERAMIC 0.1uF 25V
C72	1-163-038-00	s CERAMIC 0.1uF 25V
C78	1-163-109-00	s CERAMIC 47PF 5% 50V
C79	1-135-159-21	s TANTAL 10uF 10% 16V
C80	1-135-125-21	s TANTAL 33uF 20% 10V
C84	1-135-155-21	s TANTAL 4.7uF 10% 10V
C86	1-135-125-21	s TANTAL 33uF 20% 10V
C87	1-135-165-11	s TANTAL 33uF 10% 16V
C90	1-163-135-00	s CERAMIC 560PF 5% 50V
C91	1-164-161-11	s CERAMIC 0.0022uF 10% 50V
C92	1-163-125-00	s CERAMIC 220PF 5% 50V
C93	1-163-099-00	s CERAMIC 18PF 5% 50V
C94	1-163-099-00	s CERAMIC 18PF 5% 50V
C95	1-163-099-00	s CERAMIC 18PF 5% 50V
CN1	1-566-960-11	s CONNECTOR, 50P
CV1	1-141-370-11	s CAP. VAR. TRIMMER (CHIP)
CV2	1-141-370-11	s CAP. VAR. TRIMMER (CHIP)
CV3	1-141-370-11	s CAP. VAR. TRIMMER (CHIP)
D1	8-719-800-76	s DIODE 1SS226
D4	8-719-948-47	s DIODE HSM88AS
D5	8-719-815-59	s DIODE 1S1555-S
D6	8-719-815-59	s DIODE 1S1555-S
D7	8-719-815-59	s DIODE 1S1555-S
D8	8-719-815-59	s DIODE 1S1555-S
D9	8-719-910-72	s DIODE HZ7A2L
D10	8-719-800-76	s DIODE 1SS226
D14	8-719-948-47	s DIODE HSM88AS
D15	8-719-815-59	s DIODE 1S1555-S
D16	8-719-815-59	s DIODE 1S1555-S
D17	8-719-815-59	s DIODE 1S1555-S
D18	8-719-815-59	s DIODE 1S1555-S
D19	8-719-910-72	s DIODE HZ7A2L
D20	8-719-800-76	s DIODE 1SS226
D24	8-719-948-47	s DIODE HSM88AS
D25	8-719-815-59	s DIODE 1S1555-S
D26	8-719-815-59	s DIODE 1S1555-S
D27	8-719-815-59	s DIODE 1S1555-S
D28	8-719-815-59	s DIODE 1S1555-S

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D29	8-719-910-72	s DIODE HZ7A2L
DL1	1-415-489-11	s DELAY LINE
DL2	1-415-490-11	s DELAY LINE
DL3	1-415-489-11	s DELAY LINE
IC1	1-807-422-11	s IC BH-1217
IC2	8-759-906-53	s IC TL062CPS
IC3	1-808-254-11	s IC BH-1251
IC4	1-807-422-11	s IC BH-1217
IC5	8-759-906-53	s IC TL062CPS
IC6	1-807-422-11	s IC BH-1217
IC7	8-759-906-53	s IC TL062CPS
IC9	1-807-422-11	s IC BH-1217
IC10	1-807-422-11	s IC BH-1217
IC11	8-759-906-53	s IC TL062CPS
IC13	1-807-422-11	s IC BH-1217
IC14	8-759-906-53	s IC TL062CPS
L2	1-410-713-31	s INDUCTOR CHIP 47uH
L3	1-410-713-31	s INDUCTOR CHIP 47uH
Q1	8-729-175-72	s TRANSISTOR 2SC2757
Q2	8-729-122-63	s TRANSISTOR 2SA1226
Q3	8-729-109-44	s TRANSISTOR 2SK94
Q4	8-729-175-72	s TRANSISTOR 2SC2757
Q10	8-729-175-72	s TRANSISTOR 2SC2757
Q11	8-729-175-72	s TRANSISTOR 2SC2757
Q12	8-729-175-72	s TRANSISTOR 2SC2757
Q13	8-729-175-72	s TRANSISTOR 2SC2757
Q14	8-729-109-44	s TRANSISTOR 2SK94
Q15	8-729-122-63	s TRANSISTOR 2SA1226
Q16	8-729-175-72	s TRANSISTOR 2SC2757
Q17	8-729-122-63	s TRANSISTOR 2SA1226
Q18	8-729-122-63	s TRANSISTOR 2SA1226
Q19	8-729-109-44	s TRANSISTOR 2SK94
Q20	8-729-175-72	s TRANSISTOR 2SC2757
Q26	8-729-175-72	s TRANSISTOR 2SC2757
Q27	8-729-175-72	s TRANSISTOR 2SC2757
Q28	8-729-175-72	s TRANSISTOR 2SC2757
Q29	8-729-175-72	s TRANSISTOR 2SC2757
Q30	8-729-109-44	s TRANSISTOR 2SK94
Q31	8-729-175-72	s TRANSISTOR 2SC2757
Q32	8-729-122-63	s TRANSISTOR 2SA1226
Q33	8-729-109-44	s TRANSISTOR 2SK94
Q34	8-729-175-72	s TRANSISTOR 2SC2757
Q42	8-729-175-72	s TRANSISTOR 2SC2757
Q43	8-729-175-72	s TRANSISTOR 2SC2757
Q44	8-729-175-72	s TRANSISTOR 2SC2757
Q45	8-729-175-72	s TRANSISTOR 2SC2757
Q46	8-729-109-44	s TRANSISTOR 2SK94
Q47	8-729-122-63	s TRANSISTOR 2SA1226

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q48	8-729-175-72	s TRANSISTOR 2SC2757
Q49	8-729-175-72	s TRANSISTOR 2SC2757
Q50	8-729-175-72	s TRANSISTOR 2SC2757
Q51	8-729-175-72	s TRANSISTOR 2SC2757
Q56	8-729-175-72	s TRANSISTOR 2SC2757
Q58	8-729-175-72	s TRANSISTOR 2SC2757
Q65	8-729-175-72	s TRANSISTOR 2SC2757
Q67	8-729-122-63	s TRANSISTOR 2SA1226
Q68	8-729-122-63	s TRANSISTOR 2SA1226
Q69	8-729-175-72	s TRANSISTOR 2SC2757
Q71	8-729-175-72	s TRANSISTOR 2SC2757
Q73	8-729-175-72	s TRANSISTOR 2SC2757
Q74	8-729-175-72	s TRANSISTOR 2SC2757
Q75	8-729-216-22	s TRANSISTOR 2SA812
Q76	8-729-162-43	s TRANSISTOR 2SB624-BV3
Q77	8-729-159-64	s TRANSISTOR 2SD596
R1	1-216-063-00	s METAL 3.9K 5% 1/10W
R2	1-216-644-11	s METAL 510 0.50% 1/10W
R3	1-216-644-11	s METAL 510 0.50% 1/10W
R4	1-216-053-00	s METAL 1.5K 5% 1/10W
R5	1-216-037-00	s METAL 330 5% 1/10W
R6	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R7	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R8	1-216-049-00	s METAL 1K 5% 1/10W
R9	1-216-121-00	s METAL 1M 5% 1/10W
R10	1-216-073-00	s METAL 10K 5% 1/10W
R11	1-216-071-00	s METAL 8.2K 5% 1/10W
R12	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R13	1-216-077-00	s METAL 15K 5% 1/10W
R14	1-216-651-11	s METAL 1K 0.50% 1/10W
R15	1-216-085-00	s METAL 33K 5% 1/10W
R16	1-216-085-00	s METAL 33K 5% 1/10W
R17	1-216-684-11	s METAL 24K 0.50% 1/10W
R18	1-216-675-11	s METAL 10K 0.50% 1/10W
R19	1-216-091-00	s METAL 56K 5% 1/10W
R20	1-216-658-11	s METAL 2K 0.50% 1/10W
R21	1-216-658-11	s METAL 2K 0.50% 1/10W
R22	1-216-658-11	s METAL 2K 0.50% 1/10W
R34	1-216-081-00	s METAL 22K 5% 1/10W
R35	1-216-649-11	s METAL 820 0.50% 1/10W
R36	1-216-025-00	s METAL 100 5% 1/10W
R37	1-216-073-00	s METAL 10K 5% 1/10W
R38	1-216-666-11	s METAL 4.3K 0.50% 1/10W
R39	1-216-037-00	s METAL 330 5% 1/10W
R40	1-216-097-00	s METAL 100K 5% 1/10W
R41	1-216-097-00	s METAL 100K 5% 1/10W

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R42	1-216-059-00	s METAL 2.7K 5% 1/10W
R43	1-216-037-00	s METAL 330 5% 1/10W
R44	1-216-041-00	s METAL 470 5% 1/10W
R45	1-216-067-00	s METAL 5.6K 5% 1/10W
R46	1-216-057-00	s METAL 2.2K 5% 1/10W
R47	1-216-663-11	s METAL 3.3K 0.50% 1/10W
R48	1-216-067-00	s METAL 5.6K 5% 1/10W
R49	1-216-077-00	s METAL 15K 5% 1/10W
R50	1-216-073-00	s METAL 10K 5% 1/10W
R51	1-216-043-00	s METAL 560 5% 1/10W
R52	1-216-071-00	s METAL 8.2K 5% 1/10W
R53	1-216-025-00	s METAL 100 5% 1/10W
R54	1-216-063-00	s METAL 3.9K 5% 1/10W
R55	1-216-644-11	s METAL 510 0.50% 1/10W
R56	1-216-644-11	s METAL 510 0.50% 1/10W
R57	1-216-053-00	s METAL 1.5K 5% 1/10W
R58	1-216-049-00	s METAL 1K 5% 1/10W
R59	1-216-037-00	s METAL 330 5% 1/10W
R60	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R61	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R62	1-216-121-00	s METAL 1M 5% 1/10W
R63	1-216-651-11	s METAL 1K 0.50% 1/10W
R64	1-216-672-11	s METAL 7.5K 0.50% 1/10W
R65	1-216-071-00	s METAL 8.2K 5% 1/10W
R66	1-216-073-00	s METAL 10K 5% 1/10W
R67	1-216-085-00	s METAL 33K 5% 1/10W
R68	1-216-085-00	s METAL 33K 5% 1/10W
R69	1-216-684-11	s METAL 24K 0.50% 1/10W
R70	1-216-675-11	s METAL 10K 0.50% 1/10W
R71	1-216-091-00	s METAL 56K 5% 1/10W
R85	1-216-081-00	s METAL 22K 5% 1/10W
R86	1-216-649-11	s METAL 820 0.50% 1/10W
R87	1-216-025-00	s METAL 100 5% 1/10W
R88	1-216-666-11	s METAL 4.3K 0.50% 1/10W
R89	1-216-073-00	s METAL 10K 5% 1/10W
R90	1-216-097-00	s METAL 100K 5% 1/10W
R91	1-216-097-00	s METAL 100K 5% 1/10W
R92	1-216-037-00	s METAL 330 5% 1/10W
R93	1-216-059-00	s METAL 2.7K 5% 1/10W
R94	1-216-037-00	s METAL 330 5% 1/10W
R95	1-216-041-00	s METAL 470 5% 1/10W
R96	1-216-067-00	s METAL 5.6K 5% 1/10W
R97	1-216-057-00	s METAL 2.2K 5% 1/10W
R98	1-216-663-11	s METAL 3.3K 0.50% 1/10W
R99	1-216-067-00	s METAL 5.6K 5% 1/10W
R100	1-216-077-00	s METAL 15K 5% 1/10W
R101	1-216-073-00	s METAL 10K 5% 1/10W
R102	1-216-057-00	s METAL 2.2K 5% 1/10W
R103	1-216-097-00	s METAL 100K 5% 1/10W
R104	1-216-065-00	s METAL 4.7K 5% 1/10W

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R105	1-216-063-00	s METAL 3.9K 5% 1/10W
R106	1-216-644-11	s METAL 510 0.50K 1/10W
R107	1-216-644-11	s METAL 510 0.50K 1/10W
R108	1-216-053-00	s METAL 1.5K 5% 1/10W
R109	1-216-049-00	s METAL 1K 5% 1/10W
R110	1-216-037-00	s METAL 330 5% 1/10W
R111	1-216-671-11	s METAL 6.8K 0.50K 1/10W
R112	1-216-659-11	s METAL 2.2K 0.50K 1/10W
R113	1-216-121-00	s METAL 1M 5% 1/10W
R114	1-216-073-00	s METAL 10K 5% 1/10W
R115	1-216-071-00	s METAL 8.2K 5% 1/10W
R116	1-216-671-11	s METAL 6.8K 0.50K 1/10W
R117	1-216-077-00	s METAL 15K 5% 1/10W
R118	1-216-651-11	s METAL 1K 0.50K 1/10W
R119	1-216-085-00	s METAL 33K 5% 1/10W
R120	1-216-085-00	s METAL 33K 5% 1/10W
R121	1-216-684-11	s METAL 24K 0.50K 1/10W
R122	1-216-675-11	s METAL 10K 0.50K 1/10W
R123	1-216-091-00	s METAL 56K 5% 1/10W
R124	1-216-067-00	s METAL 5.6K 5% 1/10W
R139	1-216-081-00	s METAL 22K 5% 1/10W
R141	1-216-649-11	s METAL 820 0.50K 1/10W
R142	1-216-073-00	s METAL 10K 5% 1/10W
R143	1-216-686-11	s METAL 4.3K 0.50K 1/10W
R144	1-216-025-00	s METAL 100 5% 1/10W
R145	1-216-097-00	s METAL 100K 5% 1/10W
R146	1-216-097-00	s METAL 100K 5% 1/10W
R147	1-216-059-00	s METAL 2.7K 5% 1/10W
R148	1-216-037-00	s METAL 330 5% 1/10W
R149	1-216-037-00	s METAL 330 5% 1/10W
R150	1-216-041-00	s METAL 470 5% 1/10W
R151	1-216-067-00	s METAL 5.6K 5% 1/10W
R152	1-216-057-00	s METAL 2.2K 5% 1/10W
R153	1-216-663-11	s METAL 3.3K 0.50K 1/10W
R154	1-216-067-00	s METAL 5.6K 5% 1/10W
R155	1-216-077-00	s METAL 15K 5% 1/10W
R156	1-216-073-00	s METAL 10K 5% 1/10W
R157	1-216-073-00	s METAL 10K 5% 1/10W
R158	1-216-073-00	s METAL 10K 5% 1/10W
R159	1-216-073-00	s METAL 10K 5% 1/10W
R160	1-216-043-00	s METAL 560 5% 1/10W
R161	1-216-055-00	s METAL 1.8K 5% 1/10W
R162	1-216-043-00	s METAL 560 5% 1/10W
R163	1-216-063-00	s METAL 3.9K 5% 1/10W
R164	1-216-071-00	s METAL 8.2K 5% 1/10W
R165	1-216-661-11	s METAL 2.7K 0.50K 1/10W
R166	1-216-071-00	s METAL 8.2K 5% 1/10W
R167	1-216-661-11	s METAL 2.7K 0.50K 1/10W
R170	1-216-663-11	s METAL 3.3K 0.50K 1/10W
R171	1-216-662-11	s METAL 3K 0.50K 1/10W

(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R172	1-216-663-11	s METAL 3.3K 0.50K 1/10W
R177	1-216-063-00	s METAL 3.9K 5% 1/10W
R179	1-216-055-00	s METAL 1.8K 5% 1/10W
R182	1-216-071-00	s METAL 8.2K 5% 1/10W
R183	1-216-661-11	s METAL 2.7K 0.50K 1/10W
R207	1-216-063-00	s METAL 3.9K 5% 1/10W
R208	1-216-025-00	s METAL 100 5% 1/10W
R209	1-216-063-00	s METAL 3.9K 5% 1/10W
R210	1-216-025-00	s METAL 100 5% 1/10W
R211	1-216-667-11	s METAL 4.7K 0.50K 1/10W
R212	1-216-669-11	s METAL 5.6K 0.50K 1/10W
R213	1-216-667-11	s METAL 4.7K 0.50K 1/10W
R215	1-216-073-00	s METAL 10K 5% 1/10W
R216	1-216-073-00	s METAL 10K 5% 1/10W
R217	1-216-063-00	s METAL 3.9K 5% 1/10W
R218	1-216-043-00	s METAL 560 5% 1/10W
R219	1-216-019-00	s METAL 56 5% 1/10W
R220	1-216-019-00	s METAL 56 5% 1/10W
R221	1-216-019-00	s METAL 56 5% 1/10W
R222	1-216-097-00	s METAL 100K 5% 1/10W
R223	1-216-063-00	s METAL 3.9K 5% 1/10W
R224	1-216-043-00	s METAL 560 5% 1/10W
R225	1-216-043-00	s METAL 560 5% 1/10W
R226	1-216-661-11	s METAL 2.7K 0.50K 1/10W
R227	1-216-071-00	s METAL 8.2K 5% 1/10W
R228	1-216-089-00	s METAL 47K 5% 1/10W
R229	1-216-097-00	s METAL 100K 5% 1/10W
R230	1-216-065-00	s METAL 4.7K 5% 1/10W
R231	1-216-083-00	s METAL 27K 5% 1/10W
R241	1-216-693-11	s METAL 56K 0.50K 1/10W
R242	1-216-687-11	s METAL 33K 0.50K 1/10W
R243	1-216-104-00	s METAL 200K 5% 1/10W
R244	1-216-669-11	s METAL 5.6K 0.50K 1/10W
R245	1-216-682-11	s METAL 20K 0.50K 1/10W
R246	1-216-698-11	s METAL 91K 0.50K 1/10W
RV1	1-237-032-11	s RES. ADJ. CERMET 500
RV2	1-228-473-00	s RES. ADJ. CERMET 5K
RV3	1-228-472-00	s RES. ADJ. CERMET 2K
RV7	1-228-474-00	s RES. ADJ. CERMET 10K
RV8	1-228-470-00	s RES. ADJ. CERMET 500
RV9	1-228-471-00	s RES. ADJ. CERMET 1K
RV10	1-237-032-11	s RES. ADJ. CERMET 500
RV11	1-228-473-00	s RES. ADJ. CERMET 5K
RV12	1-228-472-00	s RES. ADJ. CERMET 2K
RV16	1-228-474-00	s RES. ADJ. CERMET 10K
RV17	1-228-470-00	s RES. ADJ. CERMET 500
RV18	1-228-471-00	s RES. ADJ. CERMET 1K
RV19	1-237-032-11	s RES. ADJ. CERMET 500
RV20	1-228-473-00	s RES. ADJ. CERMET 5K
RV21	1-228-472-00	s RES. ADJ. CERMET 2K



(PR-132 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV26	1-228-474-00	s RES. ADJ. CERMET 10K
RV27	1-228-470-00	s RES. ADJ. CERMET 500
RV28	1-228-471-00	s RES. ADJ. CERMET 1K
RV29	1-237-036-11	s RES. ADJ. CERMET 10K
RV30	1-237-036-11	s RES. ADJ. CERMET 10K
RV34	1-237-036-11	s RES. ADJ. CERMET 10K
RV35	1-237-036-11	s RES. ADJ. CERMET 10K
S1	1-570-857-11	s SWITCH, SLIDE
S2	1-570-857-11	s SWITCH, SLIDE
S3	1-570-857-11	s SWITCH, SLIDE
S4	1-570-857-11	s SWITCH, SLIDE
S5	1-570-857-11	s SWITCH, SLIDE
TH1	1-806-627-41	s THERMISTOR (POSITIVE)
TH2	1-806-627-41	s THERMISTOR (POSITIVE)
TH3	1-806-627-41	s THERMISTOR (POSITIVE)

PS-162 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6723-368-A	o MOUNTED CIRCUIT BOARD, PS-162
1pc	3-724-752-01	o HOLDER (PS), PC BOARD
1pc	3-729-012-01	s SCREW (M2X5)
1pc	7-623-420-07	s LM 2, TYPE B
C1	1-126-094-11	s ELECT. 4.7uF 20% 25V
C2	1-163-133-00	s CERAMIC 470PF 5% 50V
C3	1-163-133-00	s CERAMIC 470PF 5% 50V
C4	1-125-309-00	s DOUBLE LAYERS 0.33F 5.5V
C5	1-124-248-00	s ELECT 22uF 20% 35V
C6	1-163-133-00	s CERAMIC 470PF 5% 50V
C7	1-163-133-00	s CERAMIC 470PF 5% 50V
C8	1-163-133-00	s CERAMIC 470PF 5% 50V
C9	1-163-133-00	s CERAMIC 470PF 5% 50V
CB1	1-532-681-00	s CIRCUIT BREAKER
CN1	1-564-705-11	o PIN HEADER, STRAIGHT 3P
CN2	1-564-707-11	o PIN HEADER, STRAIGHT 5P
CN3	1-506-468-11	s PIN, CONNECTOR 3P
CN4	1-506-468-11	s PIN, CONNECTOR 3P
CN5	1-564-710-11	s PIN HEADER, STRAIGHT 8P
CN6	1-566-528-11	s CONNECTOR, FPC (ZIF) 12P
CN7	1-564-704-11	o PIN HEADER, STRAIGHT 2P
CN8	1-506-469-11	s PIN, CONNECTOR 4P
CN9	1-564-718-11	o PIN HEADER, ANGLE 2P
CN10	1-564-706-31	o PIN HEADER, STRAIGHT 4P
D1	8-719-911-55	s DIODE U056
D2	8-719-800-76	s DIODE 1SS226
D3	8-719-800-76	s DIODE 1SS226
D4	8-719-911-55	s DIODE U056
D5	8-719-160-20	s DIODE RD4, 7FB2
IC1	8-759-906-53	s IC TL062CPS
IC2	8-759-939-41	s IC S-81230AG-RB
Q1	8-729-202-62	s TRANSISTOR 2SD1221
Q2	8-729-100-66	s TRANSISTOR 2SC1623
Q3	8-729-119-59	s TRANSISTOR 2SK612-Z
Q4	8-729-109-44	s TRANSISTOR 2SK94
R1	1-249-389-11	s CARBON 4.7 5% 1/4W
R2	1-216-061-00	s METAL 3.3K 5% 1/10W
R3	1-216-089-00	s METAL 47K 5% 1/10W
R4	1-216-093-00	s METAL 68K 5% 1/10W
R5	1-216-093-00	s METAL 68K 5% 1/10W
R6	1-216-105-00	s METAL 220K 5% 1/10W
R7	1-216-101-00	s METAL 150K 5% 1/10W
R8	1-216-121-00	s METAL 1M 5% 1/10W
RV1	1-230-873-11	s RES. ADJ. METAL GLAZE 47K
S1	1-570-610-11	s SWITCH, TOGGLE
S2	1-570-610-11	s SWITCH, TOGGLE

SG-152P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-960-A	o MOUNTED CIRCUIT BOARD, SG-152P
1pc	1-565-123-11	o HOUSING, CONNECTOR 4P
1pc	1-565-164-11	o TERMINAL, SOLDERLESS
2pcs	1-568-613-11	o SOCKET, SIL 2P
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	3-734-721-01	o PLATE (SG-152), ORNAMENTAL
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-131-388-00	s TANTALUM 68uF 10% 6.3V
C2	1-163-038-00	s CERAMIC 0.1uF 25V
C3	1-131-374-00	s TANTALUM 33uF 10% 16V
C4	1-163-038-00	s CERAMIC 0.1uF 25V
C5	1-135-149-21	s TANTAL 2.2uF 10% 10V
C6	1-163-038-00	s CERAMIC 0.1uF 25V
C7	1-163-099-00	s CERAMIC 18PF 5% 50V
C8	1-135-162-21	s TANTAL 33uF 10% 6.3V
C9	1-163-241-11	s CERAMIC 39PF 5% 50V
C10	1-163-241-11	s CERAMIC 39PF 5% 50V
C11	1-135-149-21	s TANTAL 2.2uF 10% 10V
C12	1-163-038-00	s CERAMIC 0.1uF 25V
C13	1-135-149-21	s TANTAL 2.2uF 10% 10V
C14	1-163-809-11	s CERAMIC 0.047uF 10% 25V
C15	1-135-155-21	s TANTAL 4.7uF 10% 16V
C17	1-163-099-00	s CERAMIC 18PF 5% 50V
C18	1-135-149-21	s TANTAL 2.2uF 10% 10V
C19	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C20	1-163-097-00	s CERAMIC 15PF 5% 50V
C21	1-163-114-00	s CERAMIC 75PF 5% 50V
C22	1-163-109-00	s CERAMIC 47PF 5% 50V
C23	1-163-125-00	s CERAMIC 220PF 5% 50V
C24	1-135-149-21	s TANTAL 2.2uF 10% 10V
C25	1-163-038-00	s CERAMIC 0.1uF 25V
C26	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C27	1-163-038-00	s CERAMIC 0.1uF 25V
C28	1-163-809-11	s CERAMIC 0.047uF 10% 25V
C29	1-135-091-00	s TANTAL 1uF 10% 16V
C30	1-135-149-21	s TANTAL 2.2uF 10% 10V
C31	1-162-638-11	s CERAMIC 1uF 16V
C32	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C33	1-163-117-00	s CERAMIC 100PF 5% 50V
C34	1-163-117-00	s CERAMIC 100PF 5% 50V
C35	1-163-097-00	s CERAMIC 15PF 5% 50V
C36	1-135-161-21	s TANTAL 22uF 10% 6.3V
C37	1-163-038-00	s CERAMIC 0.1uF 25V
C38	1-135-149-21	s TANTAL 2.2uF 10% 10V
C39	1-163-038-00	s CERAMIC 0.1uF 25V
C40	1-135-091-00	s TANTAL 1uF 10% 16V
C41	1-163-093-00	s CERAMIC 10PF 5% 50V

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C42	1-163-119-00	s CERAMIC 120PF 5% 50V
C43	1-163-117-00	s CERAMIC 100PF 5% 50V
C44	1-135-149-21	s TANTAL 2.2uF 10% 10V
C45	1-131-367-00	s TANTALUM 22uF 10% 16V
C46	1-135-149-21	s TANTAL 2.2uF 10% 10V
C47	1-163-038-00	s CERAMIC 0.1uF 25V
C48	1-135-076-21	s TANTAL 1uF 10% 35V
C49	1-131-367-00	s TANTALUM 22uF 10% 16V
C50	1-135-149-21	s TANTAL 2.2uF 10% 10V
C51	1-135-149-21	s TANTAL 2.2uF 10% 10V
C52	1-163-133-00	s CERAMIC 470PF 5% 50V
C53	1-135-153-21	s TANTAL 2.2uF 10% 20V
C55	1-135-155-21	s TANTAL 4.7uF 10% 16V
C56	1-135-089-21	s TANTAL 6.8uF 10% 20V
C57	1-135-089-21	s TANTAL 6.8uF 10% 20V
C58	1-162-638-11	s CERAMIC 1uF 16V
C59	1-162-637-11	s CERAMIC 0.47uF 16V
C60	1-163-038-00	s CERAMIC 0.1uF 25V
C61	1-163-023-00	s CERAMIC 0.015uF 10% 50V
C62	1-162-638-11	s CERAMIC 1uF 16V
C63	1-163-038-00	s CERAMIC 0.1uF 25V
C64	1-163-038-00	s CERAMIC 0.1uF 25V
C65	1-163-038-00	s CERAMIC 0.1uF 25V
C66	1-135-157-21	s TANTAL 10uF 10% 6.3V
C67	1-131-374-00	s TANTALUM 33uF 10% 16V
C68	1-131-388-00	s TANTALUM 68uF 10% 6.3V
C69	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C70	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C71	1-163-038-00	s CERAMIC 0.1uF 25V
C72	1-163-038-00	s CERAMIC 0.1uF 25V
C73	1-163-109-00	s CERAMIC 47PF 5% 50V
C74	1-163-038-00	s CERAMIC 0.1uF 25V
C75	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C76	1-135-156-21	s TANTAL 6.8uF 10% 10V
C77	1-163-099-00	s CERAMIC 18PF 5% 50V
C78	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C79	1-163-038-00	s CERAMIC 0.1uF 25V
C80	1-135-156-21	s TANTAL 6.8uF 10% 10V
C81	1-163-038-00	s CERAMIC 0.1uF 25V
C81	1-163-038-00	s CERAMIC 0.1uF 25V
C82	1-163-038-00	s CERAMIC 0.1uF 25V
C83	1-135-156-21	s TANTAL 6.8uF 10% 10V
C83	1-163-038-00	s CERAMIC 0.1uF 25V
C86	1-135-161-21	s TANTAL 22uF 10% 10V
C87	1-131-381-00	s TANTALUM 47uF 10% 10V
CN1	1-565-151-11	o PIN, CONNECTOR (ANGLE) 4P
CN1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 5P
CN2	1-568-622-11	o PIN, SIL 2P
CN3	1-568-622-11	o PIN, SIL 2P

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D1	8-719-800-76	s DIODE 1SS226
D2	8-719-914-11	s DIODE HZ4ALL
D3	8-719-800-76	s DIODE 1SS226
D4	8-719-800-76	s DIODE 1SS226
D5	8-719-800-76	s DIODE 1SS226
D6	8-719-800-76	s DIODE 1SS226
D9	8-719-951-12	s DIODE HZ5BL
D10	8-719-948-47	s DIODE HSM88AS
D11	8-719-400-18	s DIODE 1S2837
D12	8-719-800-76	s DIODE 1SS226
D13	8-719-910-65	s DIODE HZ682L
D15	8-719-921-12	s DIODE HZ28LL
D16	8-719-109-81	s DIODE R84, 7BSB2
D17	8-719-800-76	s DIODE 1SS226
D18	8-719-104-34	s DIODE 1S2836
D19	8-719-800-76	s DIODE 1SS226
D20	8-719-400-18	s DIODE 1S2837
IC1	8-741-104-00	s IC BX-1040
IC2	8-759-101-12	s IC UPC311G2
IC3	8-752-335-47	s IC CX61216M
IC4	8-759-009-07	s IC MC14053BF
IC5	8-759-906-54	s IC TL064CNS
IC6	8-759-008-45	s IC MC74HC4538F
IC7	8-757-930-11	s IC CX-7930A
IC8	8-759-200-79	s IC TC4049BF
IC9	8-759-204-93	s IC TC50H001F
IC10	8-759-209-57	s IC TC4569F
IC11	8-759-907-21	s IC CX-7969
IC12	8-759-009-04	s IC TC4050BF
IC13	8-759-906-54	s IC TL064CNS
IC14	8-759-632-07	s IC M5237L
IC15	8-759-009-07	s IC MC14053BF
IC17	8-759-906-54	s IC TL064CNS
IC18	8-759-209-57	s IC TC4569F
IC19	8-759-209-57	s IC TC4569F
IC20	8-759-209-57	s IC TC4569F
IC21	8-759-973-99	s IC CXD1361M
IC22	8-759-100-94	s IC UPC358G2
IC23	8-759-009-07	s IC MC14053BF
IC24	8-759-902-88	s IC SN74LS123NS
IC25	8-759-112-66	s IC UPC312G2
JR1	1-216-295-00	s METAL 0 5% 1/10W
JR1	1-216-295-00	s METAL 0 5% 1/10W
JR4	1-216-295-00	s METAL 0 5% 1/10W
JR5	1-216-295-00	s METAL 0 5% 1/10W
JR6	1-216-295-00	s METAL 0 5% 1/10W

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
JR11	1-216-295-00	s METAL 0 5% 1/10W
JR13	1-216-295-00	s METAL 0 5% 1/10W
JR16	1-216-295-00	s METAL 0 5% 1/10W
JR17	1-216-295-00	s METAL 0 5% 1/10W
JR18	1-216-295-00	s METAL 0 5% 1/10W
JR20	1-216-295-00	s METAL 0 5% 1/10W
L1	1-410-713-31	s INDUCTOR CHIP 47uH
L2	1-410-713-31	s INDUCTOR CHIP 47uH
L3	1-410-713-31	s INDUCTOR CHIP 47uH
L4	1-410-709-31	s INDUCTOR CHIP 22uH
L5	1-410-709-31	s INDUCTOR CHIP 22uH
L6	1-410-713-31	s INDUCTOR CHIP 47uH
L7	1-410-713-31	s INDUCTOR CHIP 47uH
L8	1-410-713-31	s INDUCTOR CHIP 47uH
L9	1-410-713-31	s INDUCTOR CHIP 47uH
L10	1-410-713-31	s INDUCTOR CHIP 47uH
L11	1-410-708-31	s INDUCTOR CHIP 18uH
LVI	1-410-619-11	s VARIABLE INDUCTOR 220uH
Q1	8-729-216-22	s TRANSISTOR 2SA1162
Q2	8-729-100-66	s TRANSISTOR 2SC1623
Q3	8-729-100-66	s TRANSISTOR 2SC1623
Q4	8-729-100-66	s TRANSISTOR 2SC1623
Q5	8-729-100-66	s TRANSISTOR 2SC1623
Q6	8-729-216-22	s TRANSISTOR 2SA1162
Q7	8-729-216-22	s TRANSISTOR 2SA1162
Q8	8-729-101-07	s TRANSISTOR 2SB798-DL
Q9	8-729-807-50	s TRANSISTOR 2SD1623
Q10	8-729-101-07	s TRANSISTOR 2SB798-DL
Q11	8-729-100-66	s TRANSISTOR 2SC1623
Q12	8-729-101-07	s TRANSISTOR 2SB798-DL
Q13	8-729-216-22	s TRANSISTOR 2SA1162
Q16	8-729-100-66	s TRANSISTOR 2SC1623
Q19	8-729-100-66	s TRANSISTOR 2SC1623
Q20	8-729-100-66	s TRANSISTOR 2SC1623
Q21	8-729-216-22	s TRANSISTOR 2SA1162
Q22	8-729-216-22	s TRANSISTOR 2SA1162
Q24	8-729-100-66	s TRANSISTOR 2SC1623
R1	1-216-049-00	s METAL 1K 5% 1/10W
R2	1-216-049-00	s METAL 1K 5% 1/10W
R3	1-216-057-00	s METAL 2.2K 5% 1/10W
R7	1-216-061-00	s METAL 3.3K 5% 1/10W
R8	1-216-081-00	s METAL 22K 5% 1/10W
R9	1-216-295-00	s METAL 0 5% 1/10W
R11	1-216-081-00	s METAL 22K 5% 1/10W
R13	1-216-049-00	s METAL 1K 5% 1/10W
R14	1-216-066-00	s METAL 5.1K 5% 1/10W
R15	1-216-073-00	s METAL 10K 5% 1/10W

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R16	1-216-057-00	s METAL 2.2K 5% 1/10W
R17	1-216-065-00	s METAL 5.1K 5% 1/10W
R18	1-216-049-00	s METAL 1K 5% 1/10W
R19	1-216-057-00	s METAL 2.2K 5% 1/10W
R20	1-216-025-00	s METAL 100 5% 1/10W
R21	1-216-059-00	s METAL 2.7K 5% 1/10W
R22	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R23	1-216-049-00	s METAL 1K 5% 1/10W
R24	1-216-025-00	s METAL 100 5% 1/10W
R25	1-216-049-00	s METAL 1K 5% 1/10W
R26	1-216-021-00	s METAL 68 5% 1/10W
R28	1-216-081-00	s METAL 22K 5% 1/10W
R29	1-216-081-00	s METAL 22K 5% 1/10W
R30	1-216-081-00	s METAL 22K 5% 1/10W
R31	1-216-081-00	s METAL 22K 5% 1/10W
R32	1-216-081-00	s METAL 22K 5% 1/10W
R33	1-216-081-00	s METAL 22K 5% 1/10W
R34	1-216-049-00	s METAL 1K 5% 1/10W
R35	1-216-073-00	s METAL 10K 5% 1/10W
R37	1-216-121-00	s METAL 1M 5% 1/10W
R38	1-216-121-00	s METAL 1M 5% 1/10W
R39	1-216-061-00	s METAL 3.3K 5% 1/10W
R40	1-216-055-00	s METAL 1.8K 5% 1/10W
R41	1-216-105-00	s METAL 220K 5% 1/10W
R43	1-216-109-00	s METAL 330K 5% 1/10W
R44	1-216-097-00	s METAL 100K 5% 1/10W
R45	1-216-097-00	s METAL 100K 5% 1/10W
R46	1-216-097-00	s METAL 100K 5% 1/10W
R47	1-216-097-00	s METAL 100K 5% 1/10W
R48	1-216-097-00	s METAL 100K 5% 1/10W
R49	1-216-037-00	s METAL 330 5% 1/10W
R50	1-216-073-00	s METAL 10K 5% 1/10W
R51	1-216-049-00	s METAL 1K 5% 1/10W
R52	1-216-091-00	s METAL 56K 5% 1/10W
R53	1-216-073-00	s METAL 10K 5% 1/10W
R54	1-216-057-00	s METAL 2.2K 5% 1/10W
R55	1-216-081-00	s METAL 22K 5% 1/10W
R56	1-216-069-00	s METAL 6.8K 5% 1/10W
R57	1-216-033-00	s METAL 220 5% 1/10W
R58	1-216-079-00	s METAL 18K 5% 1/10W
R59	1-216-059-00	s METAL 2.7K 5% 1/10W
R60	1-216-053-00	s METAL 1.5K 5% 1/10W
R61	1-216-687-11	s METAL 33K 0.50% 1/10W
R62	1-216-689-11	s METAL 39K 0.50% 1/10W
R63	1-216-688-11	s METAL 36K 0.50% 1/10W
R64	1-216-687-11	s METAL 33K 0.50% 1/10W
R65	1-216-693-11	s METAL 56K 0.50% 1/10W
R66	1-216-073-00	s METAL 10K 5% 1/10W
R67	1-216-081-00	s METAL 22K 5% 1/10W
R68	1-216-081-00	s METAL 22K 5% 1/10W

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R69	1-216-073-00	s METAL 10K 5% 1/10W
R70	1-216-101-00	s METAL 150K 5% 1/10W
R71	1-216-061-00	s METAL 3.3K 5% 1/10W
R72	1-216-077-00	s METAL 15K 5% 1/10W
R73	1-216-097-00	s METAL 100K 5% 1/10W
R74	1-216-065-00	s METAL 4.7K 5% 1/10W
R75	1-216-047-00	s METAL 820 5% 1/10W
R78	1-216-077-00	s METAL 15K 5% 1/10W
R79	1-216-635-11	s METAL 220 0.50% 1/10W
R80	1-216-649-11	s METAL 820 0.50% 1/10W
R81	1-216-117-00	s METAL 680K 5% 1/10W
R82	1-216-077-00	s METAL 15K 5% 1/10W
R83	1-216-065-00	s METAL 4.7K 5% 1/10W
R84	1-216-073-00	s METAL 10K 5% 1/10W
R85	1-216-063-00	s METAL 3.9K 5% 1/10W
R86	1-216-081-00	s METAL 22K 5% 1/10W
R87	1-216-037-00	s METAL 330 5% 1/10W
R88	1-216-077-00	s METAL 15K 5% 1/10W
R89	1-216-067-00	s METAL 5.6K 5% 1/10W
R90	1-216-075-00	s METAL 12K 5% 1/10W
R91	1-216-081-00	s METAL 22K 5% 1/10W
R92	1-216-097-00	s METAL 100K 5% 1/10W
R93	1-216-085-00	s METAL 33K 5% 1/10W
R94	1-216-097-00	s METAL 100K 5% 1/10W
R95	1-216-121-00	s METAL 1M 5% 1/10W
R96	1-216-049-00	s METAL 1K 5% 1/10W
R97	1-216-097-00	s METAL 100K 5% 1/10W
R98	1-216-125-00	s METAL 1.5M 5% 1/10W
R99	1-216-126-11	s METAL 1.6M 5% 1/10W
R100	1-216-067-00	s METAL 5.6K 5% 1/10W
R101	1-216-065-00	s METAL 4.7K 5% 1/10W
R102	1-216-097-00	s METAL 100K 5% 1/10W
R103	1-216-097-00	s METAL 100K 5% 1/10W
R104	1-216-061-00	s METAL 3.3K 5% 1/10W
R109	1-216-097-00	s METAL 100K 5% 1/10W
R110	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R112	1-216-101-00	s METAL 150K 5% 1/10W
R113	1-216-077-00	s METAL 15K 5% 1/10W
R114	1-216-075-00	s METAL 12K 5% 1/10W
R115	1-216-085-00	s METAL 33K 5% 1/10W
R116	1-216-071-00	s METAL 8.2K 5% 1/10W
R117	1-216-089-00	s METAL 47K 5% 1/10W
R118	1-216-085-00	s METAL 33K 5% 1/10W
R119	1-216-097-00	s METAL 100K 5% 1/10W
R120	1-216-097-00	s METAL 100K 5% 1/10W
R121	1-216-049-00	s METAL 1K 5% 1/10W
R122	1-216-049-00	s METAL 1K 5% 1/10W
R122	1-216-675-11	s METAL 10K 0.50% 1/10W
R123	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R124	1-216-651-11	s METAL 1K 0.50% 1/10W

(SG-152P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R125	1-216-675-11	s METAL 10K 0.50% 1/10W
R126	1-216-674-11	s METAL 9.1K 0.50% 1/10W
R127	1-216-658-11	s METAL 2K 0.50% 1/10W
R128	1-216-663-11	s METAL 3.3K 0.50% 1/10W
R129	1-216-627-11	s METAL 100 0.50% 1/10W
R130	1-216-651-11	s METAL 1K 0.50% 1/10W
R131	1-216-651-11	s METAL 1K 0.50% 1/10W
R132	1-216-685-11	s METAL 27K 0.50% 1/10W
R133	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R134	1-216-675-11	s METAL 10K 0.50% 1/10W
R135	1-216-685-11	s METAL 27K 0.50% 1/10W
R136	1-216-627-11	s METAL 100 0.50% 1/10W
R137	1-216-697-11	s METAL 82K 0.50% 1/10W
R138	1-216-651-11	s METAL 1K 0.50% 1/10W
R139	1-216-627-11	s METAL 100 0.50% 1/10W
R140	1-216-679-11	s METAL 15K 0.50% 1/10W
R141	1-216-675-11	s METAL 10K 0.50% 1/10W
R146	1-216-073-00	s METAL 10K 5% 1/10W
R147	1-216-691-11	s METAL 47K 0.50% 1/10W
R148	1-216-049-00	s METAL 1K 5% 1/10W
R149	1-216-041-00	s METAL 470 5% 1/10W
R150	1-216-037-00	s METAL 330 5% 1/10W
R151	1-216-690-11	s METAL 43K 0.50% 1/10W
R152	1-216-017-00	s METAL 47 5% 1/10W
R153	1-216-104-00	s METAL 200K 5% 1/10W
R154	1-216-057-00	s METAL 2.2K 5% 1/10W
R154	1-216-295-00	s METAL 0 5% 1/10W
R155	1-216-295-00	s METAL 0 5% 1/10W
RV2	1-228-474-00	s RES, ADJ, CERMET 10K
RV3	1-237-037-11	s RES, ADJ, CERMET 20K
RV4	1-237-033-11	s RES, ADJ, CERMET 1K
RV5	1-228-472-00	s RES, ADJ, CERMET 2K
RV6	1-228-475-00	s RES, ADJ, CERMET 20K
RV7	1-228-475-00	s RES, ADJ, CERMET 20K
RV8	1-237-037-11	s RES, ADJ, CERMET 20K
S2	1-553-925-00	s SWITCH, ROTARY
S3	1-570-857-11	s SWITCH, SLIDE
S4	1-553-510-00	s SWITCH, SLIDE
X1	1-567-654-21	s OSCILLATOR, CRYSTAL

SG-157 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7520-489-A	o MOUNTED CIRCUIT BOARD, SG-157
C71	1-163-038-00	s CERAMIC 0.1uF 25V
C72	1-163-038-00	s CERAMIC 0.1uF 25V
C73	1-163-109-00	s CERAMIC 47PF 5% 50V
C74	1-163-038-00	s CERAMIC 0.1uF 25V
C75	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C76	1-135-156-21	s TANTAL 6.8uF 10% 10V
C77	1-163-099-00	s CERAMIC 18PF 5% 50V
C78	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C79	1-163-038-00	s CERAMIC 0.1uF 25V
C80	1-135-156-21	s TANTAL 6.8uF 10% 10V
C81	1-163-038-00	s CERAMIC 0.1uF 25V
C83	1-163-038-00	s CERAMIC 0.1uF 25V
C86	1-135-161-21	s TANTAL 22uF 10% 10V
CN1	1-565-151-11	o CONNECTOR, 4P, MALE
CN2	1-568-622-11	o CONNECTOR, MALE, 2P
CN3	1-568-622-11	o CONNECTOR, MALE, 2P
IC22	8-759-100-94	s IC UPC358G2
IC23	8-759-009-07	s IC MC14053BF
IC24	8-759-902-88	s IC SN74LS123NS
JR1	1-216-295-00	s RES, 0 5% 1/10W
JR16	1-216-295-00	s RES, 0 5% 1/10W
Q24	8-729-100-66	s TRANSISTOR 2SC1623
R122	1-216-675-11	s METAL CHIP 10K 0.50% 1/10W
R123	1-216-659-11	s METAL CHIP 2.2K 0.50% 1/10W
R124	1-216-651-11	s METAL CHIP 1K 0.50% 1/10W
R125	1-216-675-11	s METAL CHIP 10K 0.50% 1/10W
R126	1-216-674-11	s METAL CHIP 9.1K 0.50% 1/10W
R127	1-216-658-11	s METAL CHIP 2K 0.50% 1/10W
R128	1-216-663-11	s METAL CHIP 3.3K 0.50% 1/10W
R129	1-216-627-11	s METAL CHIP 100 0.50% 1/10W
R130	1-216-651-11	s METAL CHIP 1K 0.50% 1/10W
R131	1-216-651-11	s METAL CHIP 1K 0.50% 1/10W
R132	1-216-685-11	s METAL CHIP 27K 0.50% 1/10W
R133	1-216-659-11	s METAL CHIP 2.2K 0.50% 1/10W
R134	1-216-675-11	s METAL CHIP 10K 0.50% 1/10W
R135	1-216-685-11	s METAL CHIP 27K 0.50% 1/10W
R136	1-216-627-11	s METAL CHIP 100 0.50% 1/10W
R154	1-216-057-00	s METAL 2.2K 5% 1/10W
RV8	1-237-037-11	s RES, ADJ, METAL 20K
S4	1-553-510-00	s SWITCH, SLIDE

SR-40 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6754-072-A	o MOUNTED CIRCUIT BOARD, SR-40
PD1	8-719-948-58	s PHOTO SENSOR 6P2507B
PD2	8-719-948-58	s PHOTO SENSOR 6P2507B
PD3	8-719-948-58	s PHOTO SENSOR 6P2507B
PD4	8-719-948-58	s PHOTO SENSOR 6P2507B
Q1	8-729-100-67	s TRANSISTOR 2SC1623-L7
Q2	8-729-100-67	s TRANSISTOR 2SC1623-L7
Q3	8-729-100-67	s TRANSISTOR 2SC1623-L7
Q4	8-729-100-67	s TRANSISTOR 2SC1623-L7
R1	1-216-043-00	s METAL 560 5% 1/10W
R2	1-216-043-00	s METAL 560 5% 1/10W
R3	1-216-109-00	s METAL 330K 5% 1/10W
R4	1-216-073-00	s METAL 10K 5% 1/10W
R5	1-216-109-00	s METAL 330K 5% 1/10W
R6	1-216-073-00	s METAL 10K 5% 1/10W
R7	1-216-109-00	s METAL 330K 5% 1/10W
R8	1-216-073-00	s METAL 10K 5% 1/10W
R9	1-216-109-00	s METAL 330K 5% 1/10W
R10	1-216-073-00	s METAL 10K 5% 1/10W

SV-97AP BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6715-438-A	o MOUNTED CIRCUIT BOARD, SV-97AP
1pc	3-724-715-01	o PLATE (SV-97), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-164-161-11	s CERAMIC 0.0022uF 5% 50V
C2	1-135-091-00	s TANTAL 1uF 10% 16V
C3	1-135-161-21	s TANTAL 22uF 10% 6.3V
C4	1-163-037-11	s CERAMIC 0.022uF 5% 25V
C5	1-162-638-11	s CERAMIC 1uF 16V
C6	1-164-161-11	s CERAMIC 0.0022uF 5% 50V
C19	1-163-117-00	s CERAMIC 100PF 5% 50V
C20	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C21	1-163-117-00	s CERAMIC 100PF 5% 50V
C22	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C23	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C24	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C25	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C26	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C27	1-163-037-11	s CERAMIC 0.022uF 5% 25V
C28	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C29	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C32	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C33	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C34	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C35	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C36	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C37	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C38	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C39	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C40	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C41	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C42	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C43	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C45	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C46	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C47	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C48	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C49	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C50	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C51	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C52	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C71	1-164-004-11	s CERAMIC 0.1uF 10% 25V
C72	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C73	1-163-095-00	s CERAMIC 12PF 5% 50V
C74	1-163-095-00	s CERAMIC 12PF 5% 50V
C75	1-163-034-00	s CERAMIC 0.033uF 50V
C76	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C81	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C82	1-164-004-11	s CERAMIC 0.1uF 10% 25V

(SV-97AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C91	1-126-629-11	s ELECT 27uF 20% 25V
C92	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C95	1-126-392-11	s ELECT 100uF 20% 6.3V
C97	1-126-390-11	s ELECT 22uF 20% 6.3V
C101	1-163-075-00	s CERAMIC 0.047uF 10% 25V
C102	1-163-019-00	s CERAMIC 0.0068uF 10% 50V
C103	1-126-630-11	s ELECT 82uF 20% 25V
C104	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C105	1-124-943-11	s ELECT 39uF 20% 25V
C106	1-163-012-00	s CERAMIC 0.0018uF 10% 50V
C121	1-163-129-00	s CERAMIC 330PF 5% 50V
C131	1-163-809-11	s CERAMIC 0.047uF 10% 25V
C132	1-163-019-00	s CERAMIC 0.0068uF 10% 50V
C134	1-163-017-00	s CERAMIC 0.0047uF 5% 50V
C135	1-124-943-11	s ELECT 39uF 20% 25V
C136	1-163-012-00	s CERAMIC 0.0018uF 10% 50V
C137	1-163-231-91	s CERAMIC 15PF 5% 50V
CN1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 50P
CN2	1-566-397-21	o PIN, CONNECTOR 14P
D1	8-719-800-76	s DIODE 1SS226
D2	8-719-800-76	s DIODE 1SS226
D3	8-719-800-76	s DIODE 1SS226
D4	8-719-800-76	s DIODE 1SS226
D5	8-719-123-85	s DIODE 1SS304
D7	8-719-981-01	s DIODE ERA81-004
D8	8-719-981-01	s DIODE ERA81-004
IC1	8-752-814-54	s IC CXP80116-6490
IC2	8-759-100-96	s IC UPC455862
IC3	8-759-981-65	s IC LM2903M
IC4	8-759-100-96	s IC UPC455862
IC5	8-759-100-96	s IC UPC455862
IC6	8-759-100-94	s IC UPC35862
IC7	8-759-981-65	s IC LM2903M
IC9	8-759-009-07	s IC MC14053BF
IC10	8-759-009-11	s IC MC14070BF
IC11	8-759-008-82	s IC MC14013BF
IC12	8-759-009-51	s IC MC14538BF
IC14	8-759-009-07	s IC MC14053BF
IC15	8-759-981-65	s IC LM2903M
IC16	8-759-100-94	s IC UPC35862
IC17	8-759-981-65	s IC LM2903M
IC18	8-759-100-94	s IC UPC35862
IC19	8-759-981-65	s IC LM2903M
IC22	8-759-209-69	s IC TC4S11F
L1	1-424-055-11	s COIL, CHOKO 500uH
L2	1-424-055-11	s COIL, CHOKO 500uH
L4	1-408-789-21	s INDUCTOR CHIP 100uH
L5	1-408-789-21	s INDUCTOR CHIP 100uH
L6	1-421-801-11	s COIL, CHOKO 60uH

(SV-97AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q1	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q2	8-729-209-07	s TRANSISTOR 2SC4213B
Q3	8-729-209-01	s TRANSISTOR 2SB907
Q4	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q5	8-729-807-50	s TRANSISTOR 2SD1623
Q6	8-729-209-01	s TRANSISTOR 2SB907
Q7	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q8	8-729-807-50	s TRANSISTOR 2SD1623
Q9	8-729-901-46	s TRANSISTOR DTA114VK
Q10	8-729-905-18	s TRANSISTOR DTC144EU
R1	1-216-833-11	s METAL 10K 5% 1/16W
R2	1-216-829-11	s METAL 4.7K 5% 1/16W
R3	1-216-825-11	s METAL 2.2K 5% 1/16W
R4	1-216-825-11	s METAL 2.2K 5% 1/16W
R5	1-216-837-11	s METAL 22K 5% 1/16W
R6	1-216-845-11	s METAL 100K 5% 1/16W
R7	1-216-825-11	s METAL 2.2K 5% 1/16W
R8	1-216-829-11	s METAL 4.7K 5% 1/16W
R9	1-216-857-11	s METAL 1M 5% 1/16W
R10	1-216-833-11	s METAL 10K 5% 1/16W
R11	1-216-837-11	s METAL 22K 5% 1/16W
R12	1-216-845-11	s METAL 100K 5% 1/16W
R13	1-216-825-11	s METAL 2.2K 5% 1/16W
R14	1-216-841-11	s METAL 47K 5% 1/16W
R15	1-216-853-11	s METAL 470K 5% 1/16W
R16	1-216-833-11	s METAL 10K 5% 1/16W
R17	1-216-849-11	s METAL 220K 5% 1/16W
R21	1-216-845-11	s METAL 100K 5% 1/16W
R22	1-216-851-11	s METAL 330K 5% 1/16W
R23	1-216-825-11	s METAL 2.2K 5% 1/16W
R24	1-216-825-11	s METAL 2.2K 5% 1/16W
R29	1-216-837-11	s METAL 22K 5% 1/16W
R30	1-216-825-11	s METAL 2.2K 5% 1/16W
R31	1-216-833-11	s METAL 10K 5% 1/16W
R32	1-216-853-11	s METAL 470K 5% 1/16W
R33	1-216-821-11	s METAL 1K 5% 1/16W
R34	1-216-841-11	s METAL 47K 5% 1/16W
R35	1-216-841-11	s METAL 47K 5% 1/16W
R36	1-216-841-11	s METAL 47K 5% 1/16W
R37	1-216-825-11	s METAL 2.2K 5% 1/16W
R38	1-216-831-11	s METAL 6.8K 5% 1/16W
R39	1-216-841-11	s METAL 47K 5% 1/16W
R40	1-216-825-11	s METAL 2.2K 5% 1/16W
R43	1-216-833-11	s METAL 10K 5% 1/16W
R44	1-216-857-11	s METAL 1M 5% 1/16W
R45	1-216-833-11	s METAL 10K 5% 1/16W
R46	1-216-841-11	s METAL 47K 5% 1/16W
R48	1-216-833-11	s METAL 10K 5% 1/16W
R50	1-216-864-11	s METAL 0.5K 1/16W
R51	1-216-845-11	s METAL 100K 5% 1/16W

(SV-97AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R52	1-216-851-11	s METAL 330K 5% 1/16W
R53	1-216-825-11	s METAL 2.2K 5% 1/16W
R54	1-216-837-11	s METAL 22K 5% 1/16W
R55	1-216-837-11	s METAL 22K 5% 1/16W
R56	1-216-857-11	s METAL 1M 5% 1/16W
R57	1-216-833-11	s METAL 10K 5% 1/16W
R58	1-216-849-11	s METAL 220K 5% 1/16W
R59	1-216-845-11	s METAL 100K 5% 1/16W
R60	1-216-847-11	s METAL 150K 5% 1/16W
R61	1-216-837-11	s METAL 22K 5% 1/16W
R62	1-216-857-11	s METAL 1M 5% 1/16W
R63	1-216-829-11	s METAL 4.7K 5% 1/16W
R64	1-216-686-11	s METAL 30K 0.50% 1/10W
R65	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R66	1-216-649-11	s METAL 820 0.50% 1/10W
R67	1-216-846-11	s METAL 120K 5% 1/16W
R68	1-216-675-11	s METAL 10K 0.50% 1/10W
R69	1-216-854-11	s METAL 560K 5% 1/16W
R70	1-216-837-11	s METAL 22K 5% 1/16W
R71	1-216-849-11	s METAL 220K 5% 1/16W
R72	1-216-821-11	s METAL 1K 5% 1/16W
R74	1-216-833-11	s METAL 10K 5% 1/16W
R75	1-216-830-11	s METAL 5.6K 5% 1/16W
R81	1-216-849-11	s METAL 220K 5% 1/16W
R82	1-216-835-11	s METAL 15K 5% 1/16W
R83	1-216-821-11	s METAL 1K 5% 1/16W
R84	1-216-821-11	s METAL 1K 5% 1/16W
R85	1-216-825-11	s METAL 2.2K 5% 1/16W
R87	1-216-849-11	s METAL 220K 5% 1/16W
R88	1-216-821-11	s METAL 1K 5% 1/16W
R89	1-216-841-11	s METAL 47K 5% 1/16W
R90	1-216-841-11	s METAL 47K 5% 1/16W
R91	1-216-853-11	s METAL 470K 5% 1/16W
R92	1-216-829-11	s METAL 4.7K 5% 1/16W
R93	1-216-830-11	s METAL 5.6K 5% 1/16W
R101	1-216-853-11	s METAL 470K 5% 1/16W
R102	1-216-699-11	s METAL 100K 0.50% 1/10W
R103	1-216-699-11	s METAL 100K 0.50% 1/10W
R104	1-216-845-11	s METAL 100K 5% 1/16W
R105	1-216-837-11	s METAL 22K 5% 1/16W
R106	1-216-840-11	s METAL 39K 5% 1/16W
R107	1-216-830-11	s METAL 5.6K 5% 1/16W
R108	1-216-823-11	s METAL 1.5K 5% 1/16W
R109	1-216-822-11	s METAL 1.2K 5% 1/16W
R110	1-216-843-11	s METAL 68K 5% 1/16W
R111	1-216-836-11	s METAL 18K 5% 1/16W
R112	1-216-825-11	s METAL 2.2K 5% 1/16W
R113	1-216-832-11	s METAL 8.2K 5% 1/16W
R114	1-216-825-11	s METAL 2.2K 5% 1/16W
R115	1-216-839-11	s METAL 33K 5% 1/16W

(SV-97AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R116	1-216-845-11	s METAL 100K 5% 1/16W
R121	1-216-853-11	s METAL 470K 5% 1/16W
R122	1-216-853-11	s METAL 470K 5% 1/16W
R123	1-216-854-11	s METAL 560K 5% 1/16W
R124	1-216-829-11	s METAL 4.7K 5% 1/16W
R125	1-216-841-11	s METAL 47K 5% 1/16W
R131	1-216-841-11	s METAL 47K 5% 1/16W
R132	1-216-699-11	s METAL 100K 0.50% 1/10W
R133	1-216-699-11	s METAL 100K 0.50% 1/10W
R134	1-216-841-11	s METAL 47K 5% 1/16W
R135	1-216-837-11	s METAL 22K 5% 1/16W
R136	1-216-840-11	s METAL 39K 5% 1/16W
R137	1-216-830-11	s METAL 5.6K 5% 1/16W
R138	1-216-823-11	s METAL 1.5K 5% 1/16W
R139	1-216-822-11	s METAL 1.2K 5% 1/16W
R140	1-216-843-11	s METAL 68K 5% 1/16W
R141	1-216-836-11	s METAL 18K 5% 1/16W
R142	1-216-825-11	s METAL 2.2K 5% 1/16W
R143	1-216-832-11	s METAL 8.2K 5% 1/16W
R144	1-216-825-11	s METAL 2.2K 5% 1/16W
R145	1-216-839-11	s METAL 33K 5% 1/16W
R146	1-216-845-11	s METAL 100K 5% 1/16W
R151	1-216-845-11	s METAL 100K 5% 1/16W
R152	1-216-864-11	s METAL 0.5% 1/16W
R153	1-216-845-11	s METAL 100K 5% 1/16W
R154	1-216-829-11	s METAL 4.7K 5% 1/16W
R155	1-216-821-11	s METAL 1K 5% 1/16W
R156	1-216-841-11	s METAL 47K 5% 1/16W
R157	1-216-849-11	s METAL 220K 5% 1/16W
R158	1-216-821-11	s METAL 1K 5% 1/16W
R159	1-216-849-11	s METAL 220K 5% 1/16W
R160	1-216-821-11	s METAL 1K 5% 1/16W
R161	1-216-849-11	s METAL 220K 5% 1/16W
R162	1-216-821-11	s METAL 1K 5% 1/16W
R163	1-216-849-11	s METAL 220K 5% 1/16W
R164	1-216-821-11	s METAL 1K 5% 1/16W
R165	1-216-849-11	s METAL 220K 5% 1/16W
R166	1-216-821-11	s METAL 1K 5% 1/16W
R167	1-216-849-11	s METAL 220K 5% 1/16W
R168	1-216-821-11	s METAL 1K 5% 1/16W
R169	1-216-849-11	s METAL 220K 5% 1/16W
R170	1-216-821-11	s METAL 1K 5% 1/16W
R171	1-216-849-11	s METAL 220K 5% 1/16W
R172	1-216-821-11	s METAL 1K 5% 1/16W
R173	1-216-849-11	s METAL 220K 5% 1/16W
R174	1-216-821-11	s METAL 1K 5% 1/16W
R175	1-216-849-11	s METAL 220K 5% 1/16W
R176	1-216-817-11	s METAL 470 5% 1/16W
R177	1-216-864-11	s METAL 0.5% 1/16W
R178	1-216-849-11	s METAL 220K 5% 1/16W

(SV-97AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R180	1-216-841-11	s METAL 47K 5% 1/16W
R181	1-216-841-11	s METAL 47K 5% 1/16W
R182	1-216-841-11	s METAL 47K 5% 1/16W
R183	1-216-841-11	s METAL 47K 5% 1/16W
R184	1-216-841-11	s METAL 47K 5% 1/16W
R185	1-216-841-11	s METAL 47K 5% 1/16W
R186	1-216-841-11	s METAL 47K 5% 1/16W
R187	1-216-841-11	s METAL 47K 5% 1/16W
R188	1-216-841-11	s METAL 47K 5% 1/16W
R189	1-216-841-11	s METAL 47K 5% 1/16W
R190	1-216-821-11	s METAL 1K 5% 1/16W
R191	1-216-821-11	s METAL 1K 5% 1/16W
R192	1-216-821-11	s METAL 1K 5% 1/16W
R193	1-216-821-11	s METAL 1K 5% 1/16W
R194	1-216-821-11	s METAL 1K 5% 1/16W
R195	1-216-821-11	s METAL 1K 5% 1/16W
R196	1-216-821-11	s METAL 1K 5% 1/16W
R197	1-216-821-11	s METAL 1K 5% 1/16W
R198	1-216-821-11	s METAL 1K 5% 1/16W
R199	1-216-821-11	s METAL 1K 5% 1/16W
R301	1-216-827-11	s METAL 3.3K 5% 1/16W
R302	1-216-827-11	s METAL 3.3K 5% 1/16W
RV1	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV2	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV3	1-230-875-21	s RES. ADJ. METAL GLAZE 220K
RV4	1-230-875-21	s RES. ADJ. METAL GLAZE 220K
RV5	1-230-875-21	s RES. ADJ. METAL GLAZE 220K
RV6	1-230-873-11	s RES. ADJ. METAL GLAZE 47K
RV7	1-230-875-21	s RES. ADJ. METAL GLAZE 220K
X1	1-577-076-11	s VIBRATOR, CRYSTAL

SW-220 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7520-307-A	o MOUNTED CIRCUIT BOARD, SW-220
CN2	1-506-475-11	o CONNECTOR, 10P, MALE
D1	8-719-911-19	s DIODE 1SS119
D2	8-719-911-19	s DIODE 1SS119
S1	1-554-355-00	s SWITCH, TOGGLE
S2	1-554-400-12	s SWITCH, TOGGLE
S3	1-554-400-12	s SWITCH, TOGGLE
S4	1-554-356-00	s SWITCH, TOGGLE
S5	1-553-856-00	s SWITCH, PUSH

SW-260 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-088-13	o PRINTED CIRCUIT BOARD, SW-260
CN2	1-565-149-11	o CONNECTOR, 2P, MALE
D1	8-719-800-76	s DIODE 1SS226
S1	1-570-984-11	s SWITCH, TOGGLE
S2	1-570-985-11	s SWITCH, TOGGLE
S3	1-570-985-11	s SWITCH, TOGGLE

SW-291 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-555-11	o PRINTED CIRCUIT BOARD, SW-291
CN1	1-506-481-11	s CONNECTOR, 2P, MALE
D1	8-719-902-27	s DIODE EBR3402S
SW1	1-570-608-11	s SWITCH, TOGGLE

SW-357 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-629-570-11	o PRINTED CIRCUIT BOARD, SW-357
CN1	1-506-484-11	o CONNECTOR 5P, MALE
CN2	1-506-482-11	o CONNECTOR 3P, MALE
R1	1-249-405-11	s CARBON 100 5% 1/4W
S1	1-554-395-00	s SWITCH, TOGGLE
S2	1-554-396-00	s SWITCH, TOGGLE
S3	1-570-282-21	s SWITCH, KEY BOARD

SY-117CP BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6717-577-A	o MOUNTED CIRCUIT BOARD, SY-117CP
1pc	3-724-714-01	o PLATE (SY-117), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2. MIDDLE
C2	1-163-038-00	s CERAMIC 0.1uF 25V
C4	1-126-394-11	s ELECT 10uF 20% 16V
C5	1-126-401-11	s ELECT 1uF 20% 50V
C6	1-126-398-11	s ELECT 4.7uF 20% 35V
C7	1-163-099-00	s CERAMIC 18PF 5% 50V
C8	1-163-099-00	s CERAMIC 18PF 5% 50V
C11	1-127-491-00	s ELECTSOLID 20uF 10V
C12	1-126-390-11	s ELECT 22uF 20% 6.3V
C13	1-162-995-11	s CERAMIC 0.022uF 50V
C14	1-162-995-11	s CERAMIC 0.022uF 50V
C15	1-162-995-11	s CERAMIC 0.022uF 50V
C16	1-162-995-11	s CERAMIC 0.022uF 50V
C17	1-162-995-11	s CERAMIC 0.022uF 50V
C18	1-162-995-11	s CERAMIC 0.022uF 50V
CN1	1-566-960-11	o CONNECTOR, 50P, MALE
CN2	1-566-388-11	s CONNECTOR 2P, MALE
D1	8-719-123-85	s DIODE 1SS304
IC1	8-752-812-03	IC CXP80116-162Q
IC3	8-759-200-90	s IC TC4538BP
IC4	8-759-940-45	s IC S-8054HN-CB
IC5	8-759-925-80	s IC SN74HC14NS
IC6	8-759-201-61	s IC TC40H004P
IC7	8-759-927-46	s IC SN74HC00NS
Q1	8-729-905-18	s TRANSISTOR DTC144EU
Q2	8-729-905-12	s TRANSISTOR DTA144EU
Q3	8-729-907-00	s TRANSISTOR DTC114EU
Q4	8-729-907-00	s TRANSISTOR DTC114EU
Q5	8-729-907-00	s TRANSISTOR DTC114EU
Q6	8-729-905-18	s TRANSISTOR DTC144EU
Q7	8-729-905-18	s TRANSISTOR DTC144EU
Q8	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q9	8-729-907-00	s TRANSISTOR DTC114EU
R1	1-216-845-11	s METAL 100K 5% 1/16W
R2	1-216-821-11	s METAL 1K 5% 1/16W
R3	1-216-821-11	s METAL 1K 5% 1/16W
R4	1-216-821-11	s METAL 1K 5% 1/16W
R5	1-216-821-11	s METAL 1K 5% 1/16W
R6	1-216-845-11	s METAL 100K 5% 1/16W
R7	1-216-821-11	s METAL 1K 5% 1/16W
R8	1-216-841-11	s METAL 47K 5% 1/16W
R9	1-216-841-11	s METAL 47K 5% 1/16W
R10	1-216-845-11	s METAL 100K 5% 1/16W
R11	1-216-821-11	s METAL 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R12	1-216-845-11	s METAL 100K 5% 1/16W
R13	1-216-821-11	s METAL 1K 5% 1/16W
R14	1-216-821-11	s METAL 1K 5% 1/16W
R15	1-216-845-11	s METAL 100K 5% 1/16W
R16	1-216-821-11	s METAL 1K 5% 1/16W
R17	1-216-845-11	s METAL 100K 5% 1/16W
R18	1-216-864-11	s METAL 0 5% 1/16W
R29	1-216-845-11	s METAL 100K 5% 1/16W
R30	1-216-821-11	s METAL 1K 5% 1/16W
R31	1-216-845-11	s METAL 100K 5% 1/16W
R32	1-216-821-11	s METAL 1K 5% 1/16W
R33	1-216-845-11	s METAL 100K 5% 1/16W
R34	1-216-821-11	s METAL 1K 5% 1/16W
R35	1-216-845-11	s METAL 100K 5% 1/16W
R36	1-216-821-11	s METAL 1K 5% 1/16W
R37	1-216-845-11	s METAL 100K 5% 1/16W
R38	1-216-821-11	s METAL 1K 5% 1/16W
R39	1-216-845-11	s METAL 100K 5% 1/16W
R40	1-216-821-11	s METAL 1K 5% 1/16W
R43	1-216-845-11	s METAL 100K 5% 1/16W
R44	1-216-821-11	s METAL 1K 5% 1/16W
R45	1-216-845-11	s METAL 100K 5% 1/16W
R46	1-216-821-11	s METAL 1K 5% 1/16W
R47	1-216-849-11	s METAL 220K 5% 1/16W
R48	1-216-821-11	s METAL 1K 5% 1/16W
R49	1-216-849-11	s METAL 220K 5% 1/16W
R50	1-216-821-11	s METAL 1K 5% 1/16W
R51	1-218-303-11	s METAL 10K 1% 1/16W
R52	1-218-306-11	s METAL 100K 1% 1/16W
R53	1-216-845-11	s METAL 100K 5% 1/16W
R54	1-216-833-11	s METAL 10K 5% 1/16W
R55	1-216-841-11	s METAL 47K 5% 1/16W
R56	1-216-813-11	s METAL 220 5% 1/16W
R57	1-216-845-11	s METAL 100K 5% 1/16W
R58	1-216-849-11	s METAL 220K 5% 1/16W
R59	1-216-845-11	s METAL 100K 5% 1/16W
R60	1-216-682-11	s METAL 20K 0.50% 1/10W
R61	1-216-682-11	s METAL 20K 0.50% 1/10W
R62	1-216-675-11	s METAL 10K 0.50% 1/10W
R63	1-216-845-11	s METAL 100K 5% 1/16W
R64	1-216-845-11	s METAL 100K 5% 1/16W
R65	1-216-821-11	s METAL 1K 5% 1/16W
R66	1-216-845-11	s METAL 100K 5% 1/16W
R67	1-216-833-11	s METAL 10K 5% 1/16W
R68	1-216-821-11	s METAL 1K 5% 1/16W
R69	1-216-845-11	s METAL 100K 5% 1/16W
R70	1-216-845-11	s METAL 100K 5% 1/16W
R71	1-216-821-11	s METAL 1K 5% 1/16W
R72	1-216-845-11	s METAL 100K 5% 1/16W
R73	1-216-833-11	s METAL 10K 5% 1/16W

(SY-117CP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R74	1-216-845-11	s METAL 100K 5% 1/16W
R75	1-216-837-11	s METAL 22K 5% 1/16W
R76	1-216-821-11	s METAL 1K 5% 1/16W
R77	1-216-821-11	s METAL 1K 5% 1/16W
R78	1-216-845-11	s METAL 100K 5% 1/16W
R79	1-216-845-11	s METAL 100K 5% 1/16W
R80	1-216-821-11	s METAL 1K 5% 1/16W
R81	1-216-841-11	s METAL 47K 5% 1/16W
R82	1-216-821-11	s METAL 1K 5% 1/16W
R83	1-216-841-11	s METAL 47K 5% 1/16W
R84	1-216-821-11	s METAL 1K 5% 1/16W
R85	1-216-841-11	s METAL 47K 5% 1/16W
R86	1-216-821-11	s METAL 1K 5% 1/16W
R87	1-216-845-11	s METAL 100K 5% 1/16W
R88	1-216-821-11	s METAL 1K 5% 1/16W
R89	1-216-813-11	s METAL 220 5% 1/16W
R90	1-216-841-11	s METAL 47K 5% 1/16W
R91	1-216-841-11	s METAL 47K 5% 1/16W
R92	1-216-813-11	s METAL 220 5% 1/16W
R93	1-216-813-11	s METAL 220 5% 1/16W
R94	1-216-845-11	s METAL 100K 5% 1/16W
R95	1-216-821-11	s METAL 1K 5% 1/16W
R96	1-216-845-11	s METAL 100K 5% 1/16W
R97	1-216-841-11	s METAL 47K 5% 1/16W
R98	1-216-821-11	s METAL 1K 5% 1/16W
R100	1-216-849-11	s METAL 220K 5% 1/16W
R102	1-216-833-11	s METAL 10K 5% 1/16W
R103	1-216-819-11	s METAL 680 5% 1/16W
R104	1-216-821-11	s METAL 1K 5% 1/16W
R105	1-216-845-11	s METAL 100K 5% 1/16W
R106	1-216-837-11	s METAL 22K 5% 1/16W
R107	1-216-821-11	s METAL 1K 5% 1/16W
R201	1-216-849-11	s METAL 220K 5% 1/16W
R203	1-216-849-11	s METAL 220K 5% 1/16W
R205	1-216-849-11	s METAL 220K 5% 1/16W
R207	1-216-849-11	s METAL 220K 5% 1/16W
R211	1-216-849-11	s METAL 220K 5% 1/16W
R213	1-216-849-11	s METAL 220K 5% 1/16W
R214	1-216-864-11	s METAL 0 5% 1/16W
R215	1-216-849-11	s METAL 220K 5% 1/16W
R217	1-216-849-11	s METAL 220K 5% 1/16W
R219	1-216-849-11	s METAL 220K 5% 1/16W
R221	1-216-849-11	s METAL 220K 5% 1/16W
R223	1-216-849-11	s METAL 220K 5% 1/16W
R225	1-216-849-11	s METAL 220K 5% 1/16W
R226	1-216-821-11	s METAL 1K 5% 1/16W
R227	1-216-849-11	s METAL 220K 5% 1/16W
S1	1-570-374-12	s SWITCH, SLIDE
X1	1-567-962-11	s VIBRATOR, CRYSTAL

TB-5 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6725-604-A	s MOUNTED CIRCUIT BOARD, TB-5
1pc	3-729-013-41	s SCREW (M1.4X3.5), WASHERHEAD (+P)
C1	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C2	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C3	1-135-157-21	s TANTAL 10uF 10% 6.3V
C4	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C5	1-163-129-00	s CERAMIC 330PF 5% 50V
C6	1-163-083-00	s CERAMIC 1PF 0.25PF 50V
C7	1-163-083-00	s CERAMIC 1PF 0.25PF 50V
C11	1-163-011-11	s CERAMIC 0.0015uF 10% 50V
C12	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C13	1-135-157-21	s TANTAL 10uF 10% 6.3V
C14	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C16	1-163-083-00	s CERAMIC 1PF 0.25PF 50V
C17	1-163-083-00	s CERAMIC 1PF 0.25PF 50V
C25	1-163-125-00	s CERAMIC 220PF 5% 50V
C26	1-163-038-00	s CERAMIC 0.1uF 50V
C27	1-163-139-00	s CERAMIC 820PF 5% 50V
C28	1-135-166-21	s TANTAL 47uF 20% 6.3V
C29	1-163-038-00	s CERAMIC 0.1uF 25V
C31	1-135-161-21	s TANTAL 22uF 10% 6.3V
C32	1-135-161-21	s TANTAL 22uF 10% 6.3V
C45	1-126-394-11	s ELECT 10uF 20% 16V
C46	1-126-394-11	s ELECT 10uF 20% 16V
C51	1-126-394-11	s ELECT 10uF 20% 16V
CN1	1-506-730-11	s CONNECTOR, 40P, MALE
CN2	1-566-526-11	s CONNECTOR, FPC (Z1F) 10P
CN3	1-565-339-11	s CONNECTOR, 10P, FEMALE
CN5	1-566-521-11	s CONNECTOR, FPC (Z1F) 5P
CN6	1-506-471-11	s CONNECTOR, 6P, MALE
CN7	1-565-340-11	s CONNECTOR 6P, FEMALE
D21	8-719-123-85	s DIODE 1SS304
D51	8-719-106-88	s DIODE RD15M-B1
FB1	1-543-309-12	s BEAD, FERRITE
FB2	1-543-309-12	s BEAD, FERRITE
IC1	8-759-111-56	s IC UPC4572G
IC2	8-759-906-53	s IC TL062CP5
IC21	8-759-209-15	s IC TC45U69F
IC22	8-759-009-07	s IC MC14053BF
IC23	8-759-111-56	s IC UPC4572G

(TB-5 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q21	8-729-209-07	s TRANSISTOR 2SC4213B
Q22	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q23	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q51	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q52	8-729-109-44	s TRANSISTOR 2SK94
R1	1-216-089-00	s METAL 47K 5% 1/10W
R3	1-216-081-00	s METAL 22K 5% 1/10W
R4	1-216-119-00	s METAL 820K 5% 1/10W
R5	1-216-043-00	s METAL 560 5% 1/10W
R6	1-216-101-00	s METAL 150K 5% 1/10W
R7	1-216-101-00	s METAL 150K 5% 1/10W
R8	1-216-045-00	s METAL 680 5% 1/10W
R9	1-216-097-00	s METAL 100K 5% 1/10W
R11	1-216-089-00	s METAL 47K 5% 1/10W
R13	1-216-081-00	s METAL 22K 5% 1/10W
R14	1-216-119-00	s METAL 820K 5% 1/10W
R15	1-216-043-00	s METAL 560 5% 1/10W
R21	1-216-073-00	s METAL 10K 5% 1/10W
R22	1-216-059-00	s METAL 2.7K 5% 1/10W
R23	1-216-065-00	s METAL 4.7K 5% 1/10W
R24	1-216-065-00	s METAL 4.7K 5% 1/10W
R26	1-216-055-00	s METAL 1.8K 5% 1/10W
R27	1-216-073-00	s METAL 10K 5% 1/10W
R28	1-216-073-00	s METAL 10K 5% 1/10W
R29	1-216-029-00	s METAL 150 5% 1/10W
R30	1-216-113-00	s METAL 470K 5% 1/10W
R31	1-216-065-00	s METAL 4.7K 5% 1/10W
R32	1-216-107-00	s METAL 270K 5% 1/10W
R33	1-216-107-00	s METAL 270K 5% 1/10W
R34	1-216-067-00	s METAL 5.6K 5% 1/10W
R35	1-216-001-00	s METAL 10 5% 1/10W
R36	1-216-069-00	s METAL 6.8K 5% 1/10W
R37	1-216-113-00	s METAL 470K 5% 1/10W
R38	1-216-065-00	s METAL 4.7K 5% 1/10W
RV1	1-228-475-00	s RES. ADJ. METAL 20K
RV2	1-228-475-00	s RES. ADJ. METAL 20K
RV11	1-228-475-00	s RES. ADJ. METAL 20K
RV12	1-228-475-00	s RES. ADJ. METAL 20K

TC-48AP BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6713-372-A	o COMPLETE PCB, TC-48AP
2pcs	3-676-088-00	o SHAFT. KNOB
1pc	3-701-748-00	l CLAMP
2pcs	7-627-552-37	s SCREW, PRECISION +P 1.7K3
BT1	1-528-292-11	o BATTERY, SUPER LITHIUM
C1	1-163-037-11	s CERAMIC 0.022uF 10% 25V
C2	1-163-038-00	s CERAMIC 0.1uF 25V
C3	1-126-392-11	s ELECT 100uF 20% 6.3V
C4	1-126-392-11	s ELECT 100uF 20% 6.3V
C5	1-163-035-00	s CERAMIC 0.047uF 50V
C6	1-126-412-11	s ELECT 220uF 20% 4V
C7	1-126-402-11	s ELECT 2.2uF 20% 50V
C8	1-135-159-21	s TANTAL 10uF 10% 16V
C9	1-135-159-21	s TANTAL 10uF 10% 16V
C10	1-163-037-11	s CERAMIC 0.022uF 10% 25V
C101	1-163-133-00	s CERAMIC 470PF 5% 50V
C102	1-163-133-00	s CERAMIC 470PF 5% 50V
C103	1-126-403-11	s ELECT 3.3uF 20% 50V
C104	1-126-405-11	s ELECT 10uF 20% 50V
C105	1-126-405-11	s ELECT 10uF 20% 50V
C106	1-163-093-00	s CERAMIC 10PF 5% 50V
C107	1-163-093-00	s CERAMIC 10PF 5% 50V
C108	1-135-161-21	s TANTAL 22uF 10% 6.3V
C109	1-135-155-21	s TANTAL 4.7uF 10% 10V
C110	1-163-109-00	s CERAMIC 47PF 5% 50V
C111	1-135-155-21	s TANTAL 4.7uF 10% 10V
C112	1-135-157-21	s TANTAL 10uF 10% 4V
C113	1-135-166-21	s TANTAL 47uF 20% 6.3V
C115	1-135-157-21	s TANTAL 10uF 10% 4V
C201	1-163-133-00	s CERAMIC 470PF 5% 50V
C202	1-163-133-00	s CERAMIC 470PF 5% 50V
C203	1-126-403-11	s ELECT 3.3uF 20% 50V
C204	1-126-405-11	s ELECT 10uF 20% 50V
C205	1-126-405-11	s ELECT 10uF 20% 50V
C206	1-163-093-00	s CERAMIC 10PF 5% 50V
C207	1-163-093-00	s CERAMIC 10PF 5% 50V
C208	1-135-161-21	s TANTAL 22uF 10% 6.3V
C209	1-135-155-21	s TANTAL 4.7uF 10% 10V
C210	1-163-109-00	s CERAMIC 47PF 5% 50V
C211	1-135-155-21	s TANTAL 4.7uF 10% 10V
C212	1-135-157-21	s TANTAL 10uF 10% 4V
C213	1-135-166-21	s TANTAL 47uF 20% 6.3V
C214	1-135-161-21	s TANTAL 22uF 10% 6.3V
C215	1-135-157-21	s TANTAL 10uF 10% 4V
C301	1-163-141-00	s CERAMIC 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C302	1-163-121-00	s CERAMIC 150PF 5% 50V
C303	1-163-117-00	s CERAMIC 100PF 5% 50V
C304	1-135-180-21	s TANTAL 3.3uF 10% 4V
C305	1-135-091-00	s TANTAL 1uF 10% 16V
C306	1-163-038-00	s CERAMIC 0.1uF 25V
C307	1-135-180-21	s TANTAL 3.3uF 10% 4V
C401	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C402	1-163-121-00	s CERAMIC 150PF 5% 50V
C403	1-163-117-00	s CERAMIC 100PF 5% 50V
C404	1-135-180-21	s TANTAL 3.3uF 10% 4V
C405	1-135-091-00	s TANTAL 1uF 10% 16V
C406	1-163-038-00	s CERAMIC 0.1uF 25V
C407	1-135-180-21	s TANTAL 3.3uF 10% 4V
C501	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C502	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C503	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C506	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C507	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C508	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C509	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C510	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C511	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C512	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C513	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C515	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C517	1-135-159-21	s TANTAL 10uF 10% 16V
C518	1-135-076-21	s TANTAL 1uF 20% 35V
C519	1-135-155-21	s TANTAL 4.7uF 10% 10V
C520	1-125-447-11	s DOUBLE LAYER 1F 5.5V
C521	1-163-137-00	s CERAMIC 680PF 5% 50V
C522	1-135-091-00	s TANTAL 1uF 10% 16V
C523	1-135-155-21	s TANTAL 4.7uF 10% 10V
C524	1-163-101-00	s CERAMIC 22PF 5% 50V
C525	1-163-101-00	s CERAMIC 22PF 5% 50V
C526	1-163-105-00	s CERAMIC 33PF 5% 50V
C527	1-163-105-00	s CERAMIC 33PF 5% 50V
C528	1-163-229-91	s CERAMIC 12PF 5% 50V
C529	1-163-245-91	s CERAMIC 56PF 5% 50V
C530	1-163-095-00	s CERAMIC 12PF 5% 50V
C531	1-163-095-00	s CERAMIC 12PF 5% 50V
C532	1-135-073-00	s TANTAL 0.33uF 10% 35V
C534	1-163-038-00	s CERAMIC 0.1uF 25V
C535	1-163-038-00	s CERAMIC 0.1uF 25V
C537	1-135-073-00	s TANTAL 0.33uF 10% 35V
C547	1-135-155-21	s TANTAL 4.7uF 10% 10V
C548	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C549	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C550	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C551	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C552	1-164-232-11	s CERAMIC 0.01uF 10% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C553	1-163-109-00	s CERAMIC 47PF 5% 50V
C556	1-135-155-21	s TANTAL 4.7uF 10% 10V
C557	1-135-155-21	s TANTAL 4.7uF 10% 10V
C558	1-135-091-00	s TANTAL 1uF 10% 16V
C559	1-135-155-21	s TANTAL 4.7uF 10% 10V
C560	1-135-155-21	s TANTAL 4.7uF 10% 10V
C561	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C562	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C563	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C564	1-163-038-00	s CERAMIC 0.1uF 25V
C565	1-163-133-00	s CERAMIC 470PF 5% 50V
C566	1-126-392-11	s ELECT 100uF 20% 6.3V
C567	1-124-471-00	s ELECT 1000uF 20% 6.3V
C570	1-127-485-00	s ELECTSOLID 20 6.3V
C701	1-163-038-00	s CERAMIC 0.1uF 25V
C702	1-164-232-11	s CERAMIC 0.01uF 10% 50V
CN1	1-566-528-21	s CONNECTOR, PPC (ZIF) 12P
CN2	1-566-536-11	s CONNECTOR, PPC (ZIF) 20P
CN3	1-566-536-11	s CONNECTOR, PPC (ZIF) 20P
CN10	1-506-485-11	s PIN, CONNECTOR 6P
CN11	1-506-481-11	s PIN, CONNECTOR 2P
D101	8-719-800-76	s DIODE 1SS226
D102	8-719-800-76	s DIODE 1SS226
D103	8-719-941-23	s DIODE DA204U
D104	8-719-123-85	s DIODE 1SS304
D201	8-719-800-76	s DIODE 1SS226
D202	8-719-800-76	s DIODE 1SS226
D203	8-719-941-23	s DIODE DA204U
D301	8-719-941-23	s DIODE DA204U
D401	8-719-941-23	s DIODE DA204U
D508	8-719-938-72	s DIODE SB01-05CP
D511	8-719-941-86	s DIODE DAN202U
D514	8-719-941-86	s DIODE DAN202U
D515	8-719-941-86	s DIODE DAN202U
D522	8-719-902-27	s DIODE EBR3402S
D523	8-719-941-86	s DIODE DAN202U
D524	8-719-938-72	s DIODE SB01-05CP
D525	8-719-938-72	s DIODE SB01-05CP
D526	8-719-123-85	s DIODE 1SS304
D527	8-719-123-85	s DIODE 1SS304
D528	8-719-123-85	s DIODE 1SS304
D529	8-719-123-85	s DIODE 1SS304
D530	8-719-938-72	s DIODE SB01-05CP
IC1	8-759-700-50	s IC NJM338W
IC101	8-759-981-54	s IC RC2041MD
IC102	8-759-981-54	s IC RC2041MD
IC103	8-759-908-16	s IC TL072CPS
IC201	8-759-981-54	s IC RC2041MD

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Ref. No. or Q'ty	Part No.	SP Description
IC202	8-759-981-54	s IC RC2041MD
IC203	8-759-908-16	s IC TL072CPS
IC301	8-759-009-07	s IC MC14053BF
IC302	8-759-906-53	s IC TL062CPS
IC303	8-759-908-16	s IC TL072CPS
IC401	8-759-009-07	s IC MC14053BF
IC403	8-759-908-16	s IC TL072CPS
IC501	8-759-944-79	s IC CXD1132Q
IC502	8-759-146-73	s IC CXD8042Q-502
IC503	8-752-810-17	s IC CXP80116-617Q
IC504	8-759-112-06	s IC UPC78N05H
IC505	8-759-980-28	s IC RH5VA30CA
IC506	8-759-008-82	s IC MC14013BF
IC507	8-759-009-12	s IC MC14071BF
IC508	8-759-009-07	s IC MC14053BF
IC509	8-759-009-02	s IC MC14046BP
IC510	8-759-234-70	s IC TC74HC4049AF
IC511	8-759-009-10	s IC MC14069UBP
IC512	8-759-008-82	s IC MC14013BF
IC513	8-759-009-51	s IC MC14538BP
IC514	8-759-209-15	s IC TC4S069F
IC515	8-752-330-59	s IC CXK1011P
IC516	1-808-502-11	s LCD MODULE LT4115
IC517	8-759-009-12	s IC MC14071BF
IC518	8-759-939-41	s IC S-81230AG-RB
IC519	8-759-209-15	s IC TC4S069F
IC520	8-759-209-97	s IC TC4S81F
IC521	8-759-209-54	s IC TC4S01F
IC522	8-759-209-15	s IC TC4S069F
IC523	8-759-209-90	s IC TC4S71F
IC701	8-759-981-69	s IC LM2904M
IC702	8-759-908-16	s IC TL072CPS
IC703	8-759-939-41	s IC S-81230AG-RB
L1	1-410-729-21	s INDUCTOR CHIP 1mH
L101	1-410-704-21	s INDUCTOR CHIP 8.2uH
L102	1-410-704-21	s INDUCTOR CHIP 8.2uH
L201	1-410-704-21	s INDUCTOR CHIP 8.2uH
L202	1-410-704-21	s INDUCTOR CHIP 8.2uH
PH1	1-808-252-11	s PHOTO COUPLER (M-30)
Q101	8-729-271-31	s TRANSISTOR 2SC2713G
Q102	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q103	8-729-905-18	s TRANSISTOR DTC144EU
Q104	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q105	8-729-117-32	s TRANSISTOR 2SC4177-L6

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Ref. No. or Q'ty	Part No.	SP Description
Q106	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q107	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q201	8-729-271-31	s TRANSISTOR 2SC2713G
Q202	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q203	8-729-905-18	s TRANSISTOR DTC144EU
Q204	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q205	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q206	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q207	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q501	8-729-905-18	s TRANSISTOR DTC144EU
Q502	8-729-905-18	s TRANSISTOR DTC144EU
Q503	8-729-907-00	s TRANSISTOR DTC114BU
Q504	8-729-905-18	s TRANSISTOR DTC144BU
Q509	8-729-905-18	s TRANSISTOR DTC144EU
Q510	8-729-106-68	s TRANSISTOR 2SD1615A-GP
Q511	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q512	8-729-905-18	s TRANSISTOR DTC144BU
Q701	8-729-905-18	s TRANSISTOR DTC144BU
Q702	8-729-117-32	s TRANSISTOR 2SC4177-L6
R1	1-216-675-11	s METAL 10K 0.50% 1/10W
R2	1-216-049-00	s METAL 1K 5% 1/10W
R3	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R4	1-216-001-00	s METAL 10 5% 1/10W
R101	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R102	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R103	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R104	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R105	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R106	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R107	1-216-631-11	s METAL 150 0.50% 1/10W
R108	1-216-631-11	s METAL 150 0.50% 1/10W
R109	1-216-083-00	s METAL 27K 5% 1/10W
R110	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R111	1-216-699-11	s METAL 100K 0.50% 1/10W
R112	1-216-699-11	s METAL 100K 0.50% 1/10W
R113	1-216-638-11	s METAL 300 0.50% 1/10W
R114	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R115	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R116	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R117	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R118	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R119	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R120	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R121	1-216-655-11	s METAL 1.5K 0.50% 1/10W
R122	1-216-105-00	s METAL 220K 5% 1/10W
R123	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R124	1-216-009-00	s METAL 22 5% 1/10W
R125	1-216-643-11	s METAL 470 0.50% 1/10W
R126	1-216-681-11	s METAL 18K 0.50% 1/10W

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(TC-48AP BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R127	1-216-089-00	s METAL 47K 5% 1/10W
R128	1-216-675-11	s METAL 10K 0.50% 1/10W
R129	1-216-682-11	s METAL 20K 0.50% 1/10W
R130	1-216-675-11	s METAL 10K 0.50% 1/10W
R131	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R132	1-216-661-11	s METAL 2.7K 0.50% 1/10W
R133	1-216-675-11	s METAL 10K 0.50% 1/10W
R134	1-216-105-00	s METAL 220K 5% 1/10W
R135	1-216-643-11	s METAL 470 0.50% 1/10W
R136	1-216-675-11	s METAL 10K 0.50% 1/10W
R137	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R138	1-216-627-11	s METAL 100 0.50% 1/10W
R139	1-216-682-11	s METAL 20K 0.50% 1/10W
R140	1-216-627-11	s METAL 100 0.50% 1/10W
R141	1-216-677-11	s METAL 12K 0.50% 1/10W
R142	1-216-101-00	s METAL 150K 5% 1/10W
R143	1-216-675-11	s METAL 10K 0.50% 1/10W
R201	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R202	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R203	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R204	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R205	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R206	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R207	1-216-631-11	s METAL 150 0.50% 1/10W
R208	1-216-631-11	s METAL 150 0.50% 1/10W
R209	1-216-083-00	s METAL 27K 5% 1/10W
R210	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R211	1-216-699-11	s METAL 100K 0.50% 1/10W
R212	1-216-699-11	s METAL 100K 0.50% 1/10W
R213	1-216-638-11	s METAL 300 0.50% 1/10W
R214	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R215	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R216	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R217	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R218	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R219	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R220	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R221	1-216-655-11	s METAL 1.5K 0.50% 1/10W
R222	1-216-105-00	s METAL 220K 5% 1/10W
R223	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R224	1-216-009-00	s METAL 22 5% 1/10W
R225	1-216-643-11	s METAL 470 0.50% 1/10W
R226	1-216-681-11	s METAL 18K 0.50% 1/10W
R227	1-216-089-00	s METAL 47K 5% 1/10W
R228	1-216-675-11	s METAL 10K 0.50% 1/10W
R229	1-216-682-11	s METAL 20K 0.50% 1/10W
R230	1-216-675-11	s METAL 10K 0.50% 1/10W
R231	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R232	1-216-661-11	s METAL 2.7K 0.50% 1/10W
R233	1-216-675-11	s METAL 10K 0.50% 1/10W

Ref. No. or Q'ty	Part No.	SP Description
R234	1-216-105-00	s METAL 220K 5% 1/10W
R235	1-216-643-11	s METAL 470 0.50% 1/10W
R236	1-216-675-11	s METAL 10K 0.50% 1/10W
R237	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R238	1-216-699-11	s METAL 100K 0.50% 1/10W
R239	1-216-682-11	s METAL 20K 0.50% 1/10W
R240	1-216-627-11	s METAL 100 0.50% 1/10W
R241	1-216-677-11	s METAL 12K 0.50% 1/10W
R242	1-216-101-00	s METAL 150K 5% 1/10W
R243	1-216-675-11	s METAL 10K 0.50% 1/10W
R301	1-216-069-00	s METAL 6.8K 5% 1/10W
R302	1-216-089-00	s METAL 47K 5% 1/10W
R303	1-216-675-11	s METAL 10K 0.50% 1/10W
R304	1-216-105-00	s METAL 220K 5% 1/10W
R305	1-216-061-00	s METAL 3.3K 5% 1/10W
R306	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R307	1-216-105-00	s METAL 220K 5% 1/10W
R308	1-216-105-00	s METAL 220K 5% 1/10W
R309	1-216-055-00	s METAL 1.8K 5% 1/10W
R310	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R311	1-216-047-00	s METAL 820 5% 1/10W
R312	1-216-117-00	s METAL 680K 5% 1/10W
R313	1-216-675-11	s METAL 10K 0.50% 1/10W
R314	1-216-081-00	s METAL 22K 5% 1/10W
R401	1-216-069-00	s METAL 6.8K 5% 1/10W
R402	1-216-089-00	s METAL 47K 5% 1/10W
R403	1-216-675-11	s METAL 10K 0.50% 1/10W
R405	1-216-061-00	s METAL 3.3K 5% 1/10W
R406	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R409	1-216-055-00	s METAL 1.8K 5% 1/10W
R410	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R411	1-216-047-00	s METAL 820 5% 1/10W
R412	1-216-117-00	s METAL 680K 5% 1/10W
R413	1-216-675-11	s METAL 10K 0.50% 1/10W
R414	1-216-081-00	s METAL 22K 5% 1/10W
R501	1-216-107-00	s METAL 270K 5% 1/10W
R504	1-216-089-00	s METAL 47K 5% 1/10W
R505	1-216-699-11	s METAL 100K 0.50% 1/10W
R506	1-216-699-11	s METAL 100K 0.50% 1/10W
R507	1-216-675-11	s METAL 10K 0.50% 1/10W
R508	1-216-129-00	s METAL 2.2M 5% 1/10W
R509	1-216-043-00	s METAL 560 5% 1/10W
R510	1-216-101-00	s METAL 150K 5% 1/10W
R511	1-216-085-00	s METAL 33K 5% 1/10W
R512	1-216-093-00	s METAL 68K 5% 1/10W
R513	1-216-105-00	s METAL 220K 5% 1/10W
R514	1-216-121-00	s METAL 1M 5% 1/10W
R515	1-216-675-11	s METAL 10K 0.50% 1/10W
R516	1-216-105-00	s METAL 220K 5% 1/10W
R517	1-216-105-00	s METAL 220K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R518	1-216-133-00	s METAL 3.3M 5% 1/10W
R519	1-216-109-00	s METAL 330K 5% 1/10W
R520	1-216-121-00	s METAL 1M 5% 1/10W
R521	1-216-675-11	s METAL 10K 0.50% 1/10W
R522	1-216-109-00	s METAL 330K 5% 1/10W
R523	1-216-675-11	s METAL 10K 0.50% 1/10W
R534	1-216-083-00	s METAL 27K 5% 1/10W
R535	1-216-117-00	s METAL 680K 5% 1/10W
R538	1-216-748-11	s METAL 39K 5% 1/10W
R541	1-216-037-00	s METAL 330 5% 1/10W
R542	1-216-675-11	s METAL 10K 0.50% 1/10W
R543	1-216-675-11	s METAL 10K 0.50% 1/10W
R544	1-216-017-00	s METAL 47 5% 1/10W
R545	1-216-121-00	s METAL 1M 5% 1/10W
R546	1-216-105-00	s METAL 220K 5% 1/10W
R547	1-216-105-00	s METAL 220K 5% 1/10W
R548	1-216-105-00	s METAL 220K 5% 1/10W
R550	1-216-089-00	s METAL 47K 5% 1/10W
R551	1-216-089-00	s METAL 47K 5% 1/10W
R552	1-216-105-00	s METAL 220K 5% 1/10W
R553	1-216-105-00	s METAL 220K 5% 1/10W
R554	1-216-105-00	s METAL 220K 5% 1/10W
R555	1-216-105-00	s METAL 220K 5% 1/10W
R557	1-216-105-00	s METAL 220K 5% 1/10W
R558	1-216-105-00	s METAL 220K 5% 1/10W
R559	1-216-105-00	s METAL 220K 5% 1/10W
R561	1-216-105-00	s METAL 220K 5% 1/10W
R562	1-216-105-00	s METAL 220K 5% 1/10W
R564	1-216-105-00	s METAL 220K 5% 1/10W
R566	1-216-105-00	s METAL 220K 5% 1/10W
R567	1-216-105-00	s METAL 220K 5% 1/10W
R568	1-216-105-00	s METAL 220K 5% 1/10W
R569	1-216-105-00	s METAL 220K 5% 1/10W
R570	1-216-105-00	s METAL 220K 5% 1/10W
R571	1-216-105-00	s METAL 220K 5% 1/10W
R572	1-216-105-00	s METAL 220K 5% 1/10W
R573	1-216-105-00	s METAL 220K 5% 1/10W
R574	1-216-113-00	s METAL 470K 5% 1/10W
R580	1-216-113-00	s METAL 470K 5% 1/10W
R581	1-216-089-00	s METAL 47K 5% 1/10W
R591	1-216-105-00	s METAL 220K 5% 1/10W
R592	1-216-105-00	s METAL 220K 5% 1/10W
R593	1-216-105-00	s METAL 220K 5% 1/10W
R594	1-216-105-00	s METAL 220K 5% 1/10W
R595	1-216-105-00	s METAL 220K 5% 1/10W
R596	1-216-105-00	s METAL 220K 5% 1/10W
R597	1-216-105-00	s METAL 220K 5% 1/10W
R598	1-216-105-00	s METAL 220K 5% 1/10W
R599	1-216-105-00	s METAL 220K 5% 1/10W
R600	1-216-105-00	s METAL 220K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R601	1-216-105-00	s METAL 220K 5% 1/10W
R602	1-216-105-00	s METAL 220K 5% 1/10W
R603	1-216-105-00	s METAL 220K 5% 1/10W
R604	1-216-105-00	s METAL 220K 5% 1/10W
R605	1-216-675-11	s METAL 10K 0.50% 1/10W
R607	1-216-089-00	s METAL 47K 5% 1/10W
R608	1-216-113-00	s METAL 470K 5% 1/10W
R609	1-216-105-00	s METAL 220K 5% 1/10W
R611	1-249-397-11	s CARBON 22 5% 1/4W
R612	1-249-397-11	s CARBON 22 5% 1/4W
R613	1-216-089-00	s METAL 47K 5% 1/10W
R614	1-216-089-00	s METAL 47K 5% 1/10W
R617	1-216-675-11	s METAL 10K 0.50% 1/10W
R618	1-216-675-11	s METAL 10K 0.50% 1/10W
R619	1-216-675-11	s METAL 10K 0.50% 1/10W
R621	1-216-105-00	s METAL 220K 5% 1/10W
R622	1-216-105-00	s METAL 220K 5% 1/10W
R623	1-216-675-11	s METAL 10K 0.50% 1/10W
R624	1-216-105-00	s METAL 220K 5% 1/10W
R625	1-216-105-00	s METAL 220K 5% 1/10W
R626	1-216-675-11	s METAL 10K 0.50% 1/10W
R627	1-216-133-91	s METAL 3.3M 5% 1/10W
R628	1-216-133-91	s METAL 3.3M 5% 1/10W
R629	1-216-675-11	s METAL 10K 0.50% 1/10W
R630	1-216-675-11	s METAL 10K 0.50% 1/10W
R631	1-216-675-11	s METAL 10K 0.50% 1/10W
R632	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R634	1-216-089-00	s METAL 47K 5% 1/10W
R635	1-216-109-00	s METAL 330K 5% 1/10W
R637	1-216-085-00	s METAL 33K 5% 1/10W
R638	1-216-121-00	s METAL 1M 5% 1/10W
R639	1-249-397-11	s CARBON 22 5% 1/4W
R641	1-249-393-11	s CARBON 10 5% 1/4W
R642	1-249-393-11	s CARBON 10 5% 1/4W
R643	1-216-089-00	s METAL 47K 5% 1/10W
R644	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R645	1-216-105-00	s METAL 220K 5% 1/10W
R646	1-216-101-00	s METAL 150K 5% 1/10W
R647	1-216-081-00	s METAL 22K 5% 1/10W
R648	1-216-133-00	s METAL 3.3M 5% 1/10W
R649	1-216-133-00	s METAL 3.3M 5% 1/10W
R650	1-216-133-00	s METAL 3.3M 5% 1/10W
R652	1-216-089-00	s METAL 47K 5% 1/10W
R701	1-216-699-11	s METAL 100K 0.50% 1/10W
R702	1-216-081-00	s METAL 22K 5% 1/10W
R703	1-216-627-11	s METAL 100 0.50% 1/10W
R704	1-216-081-00	s METAL 22K 5% 1/10W
R705	1-216-089-00	s METAL 47K 5% 1/10W
R706	1-216-101-00	s METAL 150K 5% 1/10W
R707	1-216-109-00	s METAL 330K 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R708	1-216-668-11	s METAL 5.1K 0.50% 1/10W
R709	1-216-669-11	s METAL 5.6K 0.50% 1/10W
R710	1-216-677-00	s METAL 15K 5% 1/10W
R711	1-216-689-11	s METAL 100K 0.50% 1/10W
R712	1-216-681-11	s METAL 18K 0.50% 1/10W
R713	1-216-099-00	s METAL 120K 5% 1/10W
R714	1-216-748-11	s METAL 39K 5% 1/10W
R715	1-216-091-00	s METAL 56K 5% 1/10W
R716	1-216-091-00	s METAL 56K 5% 1/10W
R717	1-216-748-11	s METAL 39K 5% 1/10W
R718	1-216-089-00	s METAL 47K 5% 1/10W
R719	1-216-675-11	s METAL 10K 0.50% 1/10W
RV101	1-230-337-11	s RES. VAR. CARBON 10K
RV201	1-230-337-11	s RES. VAR. CARBON 10K
RV301	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV302	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV401	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV402	1-230-871-11	s RES. ADJ. METAL GLAZE 22K
RV701	1-230-874-11	s RES. ADJ. METAL GLAZE 100K
RV702	1-230-889-11	s RES. ADJ. METAL GLAZE 4.7K
S101	1-571-087-11	s SWITCH, SLIDE
S102	1-570-848-11	s SWITCH, SLIDE
S103	1-571-275-11	s SWITCH, SLIDE
S201	1-571-087-11	s SWITCH, SLIDE
S202	1-570-848-11	s SWITCH, SLIDE
S203	1-571-275-11	s SWITCH, SLIDE
S501	1-570-834-11	s SWITCH, SLIDE
S502	1-570-834-11	s SWITCH, SLIDE
S503	1-570-472-11	s SWITCH, KEY BOARD
S504	1-570-472-11	s SWITCH, KEY BOARD
S505	1-570-472-11	s SWITCH, KEY BOARD
S506	1-570-472-11	s SWITCH, KEY BOARD
S508	1-570-834-11	s SWITCH, SLIDE
S509	1-570-866-11	s SWITCH, SLIDE
S510	1-570-860-11	s SWITCH, SLIDE
S511	1-571-275-11	s SWITCH, SLIDE
S513	1-570-472-11	s SWITCH, KEY BOARD
S514	1-570-860-11	s SWITCH, SLIDE
S515	1-571-273-11	s SWITCH, ROTARY
S516	1-571-273-11	s SWITCH, ROTARY
S517	1-571-275-11	s SWITCH, SLIDE
S518	1-571-275-11	s SWITCH, SLIDE
S701	1-570-855-11	s SWITCH, SLIDE
X501	1-567-867-11	s VIBRATOR, CRYSTAL
X502	1-567-812-11	s VIBRATOR, CERAMIC
X503	1-578-741-11	s OSCILLATOR, CRYSTAL
X504	1-577-076-11	s VIBRATOR, CRYSTAL

VA-83 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7513-945-A	o MOUNTED CIRCUIT BOARD, VA-83
2pcs	1-568-613-11	o SOCKET, SIL 2P
1pc	3-724-711-01	o PLATE (VA-62), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
2pcs	7-623-952-21	s WASHER 2.0, FIBER
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-135-161-21	s TANTAL 22uF 10% 6.3V
C2	1-135-159-21	s TANTAL 10uF 10% 16V
C3	1-135-159-21	s TANTAL 10uF 10% 16V
C4	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C6	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C7	1-163-038-00	s CERAMIC 0.1uF 25V
C8	1-163-038-00	s CERAMIC 0.1uF 25V
C9	1-163-038-00	s CERAMIC 0.1uF 25V
C10	1-131-395-00	s TANTALUM 100uF 10% 3.1V
C12	1-126-320-11	s ELECT 10uF 20% 16V
C13	1-135-092-21	s TANTAL 3.3uF 10% 16V
C14	1-135-092-21	s TANTAL 3.3uF 10% 16V
C15	1-163-038-00	s CERAMIC 0.1uF 25V
C16	1-163-241-11	s CERAMIC 39PF 5% 50V
C17	1-163-038-00	s CERAMIC 0.1uF 25V
C18	1-163-038-00	s CERAMIC 0.1uF 25V
C19	1-163-038-00	s CERAMIC 0.1uF 25V
C20	1-135-089-21	s TANTAL 6.8uF 10% 20V
C21	1-135-076-21	s TANTAL 1uF 10% 35V
C22	1-135-166-21	s TANTAL 47uF 20% 6.3V
C23	1-163-101-00	s CERAMIC 22PF 5% 50V
C24	1-135-161-21	s TANTAL 22uF 10% 6.3V
C25	1-135-159-21	s TANTAL 10uF 10% 16V
C26	1-135-159-21	s TANTAL 10uF 10% 16V
C27	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C29	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C30	1-163-038-00	s CERAMIC 0.1uF 25V
C31	1-163-038-00	s CERAMIC 0.1uF 25V
C32	1-163-038-00	s CERAMIC 0.1uF 25V
C33	1-131-395-00	s TANTALUM 100uF 10% 3.1V
C35	1-126-320-11	s ELECT 10uF 20% 16V
C36	1-135-092-21	s TANTAL 3.3uF 10% 16V
C37	1-135-092-21	s TANTAL 3.3uF 10% 16V
C38	1-163-038-00	s CERAMIC 0.1uF 25V
C39	1-135-155-21	s TANTAL 4.7uF 10% 10V
C40	1-163-109-00	s CERAMIC 47PF 5% 50V
C42	1-163-038-00	s CERAMIC 0.1uF 25V
C43	1-163-038-00	s CERAMIC 0.1uF 25V
C44	1-135-089-21	s TANTAL 6.8uF 10% 20V
C45	1-135-076-21	s TANTAL 1uF 10% 35V

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Ref. No. or Q'ty	Part No.	SP Description
C46	1-135-166-21	s TANTAL 47uF 20% 6.3V
C47	1-163-101-00	s CERAMIC 22pF 5% 50V
C48	1-135-161-21	s TANTAL 22uF 10% 6.3V
C49	1-135-159-21	s TANTAL 10uF 10% 16V
C50	1-135-159-21	s TANTAL 10uF 10% 16V
C51	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C53	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C54	1-163-038-00	s CERAMIC 0.1uF 25V
C55	1-163-038-00	s CERAMIC 0.1uF 25V
C56	1-163-038-00	s CERAMIC 0.1uF 25V
C57	1-131-395-00	s TANTALUM 100uF 10% 3.1V
C59	1-126-320-11	s ELCT 10uF 20% 16V
C60	1-135-092-21	s TANTAL 3.3uF 10% 16V
C61	1-135-092-21	s TANTAL 3.3uF 10% 16V
C62	1-163-038-00	s CERAMIC 0.1uF 25V
C63	1-163-038-00	s CERAMIC 0.1uF 25V
C64	1-163-109-00	s CERAMIC 47pF 5% 50V
C65	1-163-038-00	s CERAMIC 0.1uF 25V
C67	1-163-038-00	s CERAMIC 0.1uF 25V
C68	1-135-089-21	s TANTAL 6.8uF 10% 20V
C69	1-135-076-21	s TANTAL 1uF 10% 35V
C70	1-135-166-21	s TANTAL 47uF 20% 6.3V
C71	1-163-101-00	s CERAMIC 22pF 5% 50V
C73	1-163-133-00	s CERAMIC 470pF 5% 50V
C74	1-163-038-00	s CERAMIC 0.1uF 25V
C75	1-163-117-00	s CERAMIC 100pF 5% 50V
C79	1-135-159-21	s TANTAL 10uF 10% 16V
C80	1-135-159-21	s TANTAL 10uF 10% 16V
C81	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C82	1-135-159-21	s TANTAL 10uF 10% 16V
C83	1-135-159-21	s TANTAL 10uF 10% 16V
C84	1-135-159-21	s TANTAL 10uF 10% 16V
C86	1-163-088-00	s CERAMIC 5pF 0.25PF 50V
C88	1-163-129-00	s CERAMIC 330pF 5% 50V
C89	1-163-093-00	s CERAMIC 10pF 5% 50V
C91	1-163-255-00	s CERAMIC 150pF 5% 50V
C92	1-162-901-11	s CERAMIC 0.1uF 10% 50V
C93	1-162-901-11	s CERAMIC 0.1uF 10% 50V
CN1	1-566-960-11	o CONNECTOR, BOARD TO BOARD 5
CV1	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV2	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
CV3	1-141-370-11	s CAP, VAR, TRIMMER (CHIP)
D2	8-719-800-76	s DIODE 1SS226
D3	8-719-948-47	s DIODE HSM88AS
D5	8-719-800-76	s DIODE 1SS226
D6	8-719-948-47	s DIODE HSM88AS
D7	8-719-800-76	s DIODE 1SS123

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Ref. No. or Q'ty	Part No.	SP Description
D9	8-719-800-76	s DIODE 1SS226
D10	8-719-948-47	s DIODE HSM88AS
D13	8-719-104-34	s DIODE 1S2836
D14	8-719-948-47	s DIODE HSM88AS
D15	8-719-948-47	s DIODE HSM88AS
D16	8-719-948-47	s DIODE HSM88AS
FL1	1-409-427-11	s FILTER, TRAP
FL2	1-409-427-11	s FILTER, TRAP
FL3	1-409-427-11	s FILTER, TRAP
IC1	8-759-988-42	s IC AD707JR
IC2	1-807-415-11	s IC BH-1210
IC3	1-808-806-11	s IC BH-1212A
IC4	8-759-906-54	s IC TL064CNS
IC5	8-759-988-42	s IC AD707JR
IC6	1-807-415-11	s IC BH-1210
IC7	1-808-806-11	s IC BH-1212A
IC8	8-759-988-42	s IC AD707JR
IC9	1-807-415-11	s IC BH-1210
IC10	1-808-806-11	s IC BH-1212A
IC11	8-759-239-34	s IC TC74HC4538AP
IC12	8-759-208-11	s IC TC4053BPHB
IC13	8-759-906-53	s IC TL062CPS
IC14	8-759-205-78	s IC TC504013BF
IC15	1-808-253-11	s IC BH-1252
Q1	8-729-122-63	s TRANSISTOR 2SA1226
Q2	8-729-122-63	s TRANSISTOR 2SA1226
Q3	8-729-216-22	s TRANSISTOR 2SA1162
Q4	8-729-175-72	s TRANSISTOR 2SC2757
Q5	8-729-109-44	s TRANSISTOR 2SK94
Q6	8-729-109-44	s TRANSISTOR 2SK94
Q7	8-729-109-44	s TRANSISTOR 2SK94
Q8	8-729-109-44	s TRANSISTOR 2SK94
Q9	8-729-109-44	s TRANSISTOR 2SK94
Q10	8-729-109-44	s TRANSISTOR 2SK94
Q11	8-729-175-72	s TRANSISTOR 2SC2757
Q12	8-729-122-63	s TRANSISTOR 2SA1226
Q13	8-729-122-63	s TRANSISTOR 2SA1226
Q14	8-729-216-22	s TRANSISTOR 2SA1162
Q15	8-729-175-72	s TRANSISTOR 2SC2757
Q16	8-729-109-44	s TRANSISTOR 2SK94
Q17	8-729-109-44	s TRANSISTOR 2SK94
Q18	8-729-109-44	s TRANSISTOR 2SK94
Q19	8-729-109-44	s TRANSISTOR 2SK94
Q20	8-729-109-44	s TRANSISTOR 2SK94
Q21	8-729-109-44	s TRANSISTOR 2SK94
Q22	8-729-175-72	s TRANSISTOR 2SC2757
Q23	8-729-122-63	s TRANSISTOR 2SA1226
Q24	8-729-122-63	s TRANSISTOR 2SA1226
Q25	8-729-216-22	s TRANSISTOR 2SA1162

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Ref. No. or Q'ty	Part No.	SP Description
Q26	8-729-175-72	s TRANSISTOR 2SC2757
Q27	8-729-109-44	s TRANSISTOR 2SK94
Q28	8-729-109-44	s TRANSISTOR 2SK94
Q29	8-729-109-44	s TRANSISTOR 2SK94
Q30	8-729-109-44	s TRANSISTOR 2SK94
Q31	8-729-109-44	s TRANSISTOR 2SK94
Q32	8-729-109-44	s TRANSISTOR 2SK94
Q33	8-729-175-72	s TRANSISTOR 2SC2757
Q34	8-729-216-22	s TRANSISTOR 2SA1162
Q35	8-729-216-22	s TRANSISTOR 2SA1162
Q36	8-729-100-66	s TRANSISTOR 2SC1623
Q44	8-729-175-72	s TRANSISTOR 2SC2757
Q45	8-729-100-66	s TRANSISTOR 2SC1623
R1	1-216-649-11	s METAL 820 0.50% 1/10W
R2	1-216-025-00	s METAL 100 5% 1/10W
R3	1-216-051-00	s METAL 1.2K 5% 1/10W
R4	1-216-635-11	s METAL 220 0.50% 1/10W
R6	1-216-691-11	s METAL 47K 0.50% 1/10W
R7	1-216-061-00	s METAL 3.3K 5% 1/10W
R8	1-216-063-00	s METAL 3.9K 5% 1/10W
R9	1-216-071-00	s METAL 8.2K 5% 1/10W
R10	1-216-025-00	s METAL 100 5% 1/10W
R11	1-216-057-00	s METAL 2.2K 5% 1/10W
R15	1-216-121-00	s METAL 1M 5% 1/10W
R16	1-216-631-11	s METAL 150 0.50% 1/10W
R17	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R18	1-216-635-11	s METAL 220 0.50% 1/10W
R19	1-216-658-11	s METAL 2K 0.50% 1/10W
R20	1-216-121-00	s METAL 1M 5% 1/10W
R21	1-216-069-00	s METAL 6.8K 5% 1/10W
R22	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R23	1-216-121-00	s METAL 1M 5% 1/10W
R24	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R25	1-216-057-00	s METAL 2.2K 5% 1/10W
R26	1-216-077-00	s METAL 15K 5% 1/10W
R27	1-216-025-00	s METAL 100 5% 1/10W
R28	1-216-073-00	s METAL 10K 5% 1/10W
R29	1-216-089-00	s METAL 47K 5% 1/10W
R30	1-216-089-00	s METAL 47K 5% 1/10W
R31	1-216-017-00	s METAL 47 5% 1/10W
R32	1-216-043-00	s METAL 560 5% 1/10W
R33	1-216-025-00	s METAL 100 5% 1/10W
R34	1-216-645-11	s METAL 560 0.50% 1/10W
R35	1-216-065-00	s METAL 4.7K 5% 1/10W
R36	1-216-308-00	s METAL 4.7 5% 1/10W
R37	1-216-033-00	s METAL 220 5% 1/10W
R38	1-216-067-00	s METAL 5.6K 5% 1/10W
R39	1-216-699-11	s METAL 100K 0.50% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R40	1-216-067-00	s METAL 5.6K 5% 1/10W
R41	1-216-097-00	s METAL 100K 5% 1/10W
R42	1-216-073-00	s METAL 10K 5% 1/10W
R43	1-216-099-00	s METAL 120K 5% 1/10W
R44	1-216-675-11	s METAL 10K 0.50% 1/10W
R45	1-216-649-11	s METAL 820 0.50% 1/10W
R46	1-216-025-00	s METAL 100 5% 1/10W
R47	1-216-047-00	s METAL 820 5% 1/10W
R48	1-216-643-11	s METAL 470 0.50% 1/10W
R49	1-216-090-00	s METAL 51K 5% 1/10W
R50	1-216-691-11	s METAL 47K 0.50% 1/10W
R51	1-216-061-00	s METAL 3.3K 5% 1/10W
R52	1-216-063-00	s METAL 3.9K 5% 1/10W
R53	1-216-071-00	s METAL 8.2K 5% 1/10W
R54	1-216-025-00	s METAL 100 5% 1/10W
R55	1-216-057-00	s METAL 2.2K 5% 1/10W
R59	1-216-121-00	s METAL 1M 5% 1/10W
R60	1-216-631-11	s METAL 150 0.50% 1/10W
R61	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R62	1-216-635-11	s METAL 220 0.50% 1/10W
R63	1-216-658-11	s METAL 2K 0.50% 1/10W
R64	1-216-121-00	s METAL 1M 5% 1/10W
R65	1-216-069-00	s METAL 6.8K 5% 1/10W
R66	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R67	1-216-121-00	s METAL 1M 5% 1/10W
R68	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R69	1-216-057-00	s METAL 2.2K 5% 1/10W
R70	1-216-077-00	s METAL 15K 5% 1/10W
R71	1-216-025-00	s METAL 100 5% 1/10W
R72	1-216-073-00	s METAL 10K 5% 1/10W
R73	1-216-089-00	s METAL 47K 5% 1/10W
R74	1-216-089-00	s METAL 47K 5% 1/10W
R75	1-216-017-00	s METAL 47 5% 1/10W
R76	1-216-043-00	s METAL 560 5% 1/10W
R77	1-216-025-00	s METAL 100 5% 1/10W
R78	1-216-645-11	s METAL 560 0.50% 1/10W
R79	1-216-073-00	s METAL 10K 5% 1/10W
R80	1-216-083-00	s METAL 27K 5% 1/10W
R81	1-216-065-00	s METAL 4.7K 5% 1/10W
R82	1-216-001-00	s METAL 10 5% 1/10W
R83	1-216-033-00	s METAL 220 5% 1/10W
R84	1-216-067-00	s METAL 5.6K 5% 1/10W
R85	1-216-699-11	s METAL 100K 0.50% 1/10W
R86	1-216-067-00	s METAL 5.6K 5% 1/10W
R87	1-216-097-00	s METAL 100K 5% 1/10W
R88	1-216-073-00	s METAL 10K 5% 1/10W
R89	1-216-105-00	s METAL 220K 5% 1/10W
R90	1-216-675-11	s METAL 10K 0.50% 1/10W
R91	1-216-649-11	s METAL 820 0.50% 1/10W
R92	1-216-025-00	s METAL 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R93	1-216-055-00	s METAL 1.8K 5% 1/10W
R94	1-216-635-11	s METAL 220 0.50% 1/10W
R96	1-216-691-11	s METAL 47K 0.50% 1/10W
R97	1-216-061-00	s METAL 3.3K 5% 1/10W
R98	1-216-063-00	s METAL 3.9K 5% 1/10W
R99	1-216-071-00	s METAL 8.2K 5% 1/10W
R100	1-216-025-00	s METAL 100 5% 1/10W
R101	1-216-057-00	s METAL 2.2K 5% 1/10W
R105	1-216-121-00	s METAL 1M 5% 1/10W
R106	1-216-631-11	s METAL 150 0.50% 1/10W
R107	1-216-665-11	s METAL 3.9K 0.50% 1/10W
R108	1-216-635-11	s METAL 220 0.50% 1/10W
R109	1-216-658-11	s METAL 2K 0.50% 1/10W
R110	1-216-121-00	s METAL 1M 5% 1/10W
R111	1-216-069-00	s METAL 6.8K 5% 1/10W
R112	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R113	1-216-121-00	s METAL 1M 5% 1/10W
R114	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R115	1-216-057-00	s METAL 2.2K 5% 1/10W
R116	1-216-077-00	s METAL 15K 5% 1/10W
R117	1-216-017-00	s METAL 47 5% 1/10W
R118	1-216-073-00	s METAL 10K 5% 1/10W
R119	1-216-089-00	s METAL 47K 5% 1/10W
R120	1-216-089-00	s METAL 47K 5% 1/10W
R121	1-216-017-00	s METAL 47 5% 1/10W
R122	1-216-043-00	s METAL 560 5% 1/10W
R123	1-216-097-00	s METAL 100K 5% 1/10W
R124	1-216-097-00	s METAL 100K 5% 1/10W
R125	1-216-025-00	s METAL 100 5% 1/10W
R126	1-216-645-11	s METAL 560 0.50% 1/10W
R127	1-216-065-00	s METAL 4.7K 5% 1/10W
R128	1-216-308-00	s METAL 4.7 5% 1/10W
R129	1-216-033-00	s METAL 220 5% 1/10W
R130	1-216-067-00	s METAL 5.6K 5% 1/10W
R131	1-216-699-11	s METAL 100K 0.50% 1/10W
R132	1-216-067-00	s METAL 5.6K 5% 1/10W
R133	1-216-097-00	s METAL 100K 5% 1/10W
R134	1-216-073-00	s METAL 10K 5% 1/10W
R135	1-216-099-00	s METAL 120K 5% 1/10W
R136	1-216-675-11	s METAL 10K 0.50% 1/10W
R137	1-216-097-00	s METAL 100K 5% 1/10W
R138	1-216-097-00	s METAL 100K 5% 1/10W
R139	1-216-073-00	s METAL 10K 5% 1/10W
R140	1-216-097-00	s METAL 100K 5% 1/10W
R141	1-216-097-00	s METAL 100K 5% 1/10W
R142	1-216-073-00	s METAL 10K 5% 1/10W
R143	1-216-089-00	s METAL 47K 5% 1/10W
R144	1-216-073-00	s METAL 10K 5% 1/10W
R146	1-216-655-11	s METAL 1.5K 0.50% 1/10W
R147	1-216-121-00	s METAL 1M 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP Description
R148	1-216-097-00	s METAL 100K 5% 1/10W
R149	1-216-065-00	s METAL 4.7K 5% 1/10W
R167	1-216-115-00	s METAL 560K 5% 1/10W
R169	1-216-067-00	s METAL 5.6K 5% 1/10W
R171	1-216-113-00	s METAL 470K 5% 1/10W
R172	1-216-089-00	s METAL 47K 5% 1/10W
R173	1-216-603-11	s METAL 10 0.50% 1/10W
R174	1-216-603-11	s METAL 10 0.50% 1/10W
R175	1-216-603-11	s METAL 10 0.50% 1/10W
R177	1-216-295-00	s METAL 0 5% 1/10W
R178	1-216-654-11	s METAL 1.3K 0.50% 1/10W
R179	1-216-025-00	s METAL 100 5% 1/10W
R180	1-216-025-00	s METAL 100 5% 1/10W
R181	1-216-689-11	s METAL 39K 0.50% 1/10W
R182	1-216-689-11	s METAL 39K 0.50% 1/10W
R183	1-216-689-11	s METAL 39K 0.50% 1/10W
R185	1-216-091-91	s METAL 56K 5% 1/10W
RV1	1-228-472-00	s RES, ADJ, CERMET 2K
RV2	1-237-037-11	s RES, ADJ, CERMET 20K
RV3	1-237-036-11	s RES, ADJ, CERMET 10K
RV4	1-228-475-00	s RES, ADJ, CERMET 20K
RV5	1-228-472-00	s RES, ADJ, CERMET 2K
RV6	1-237-037-11	s RES, ADJ, CERMET 20K
RV7	1-237-036-11	s RES, ADJ, CERMET 10K
RV8	1-228-475-00	s RES, ADJ, CERMET 20K
RV9	1-228-472-00	s RES, ADJ, CERMET 2K
RV10	1-237-037-11	s RES, ADJ, CERMET 20K
RV11	1-237-036-11	s RES, ADJ, CERMET 10K
RV12	1-228-475-00	s RES, ADJ, CERMET 20K
RV14	1-237-042-11	s RES, ADJ, CERMET 1M
RV15	1-237-034-11	s RES, ADJ, CERMET 2K
RV16	1-237-034-11	s RES, ADJ, CERMET 2K
RV17	1-237-034-11	s RES, ADJ, CERMET 2K
RV18	1-237-036-11	s RES, ADJ, CERMET 10K
RV19	1-237-036-11	s RES, ADJ, CERMET 10K
RV20	1-237-036-11	s RES, ADJ, CERMET 10K
RV21	1-237-037-11	s RES, ADJ, CERMET 20K
RV22	1-237-037-11	s RES, ADJ, CERMET 20K
S1	1-570-857-11	s SWITCH, SLIDE

VDA-11P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6711-993-A	o MOUNTED CIRCUIT BOARD, VDA-11P
1pc	3-724-707-01	o PLATE (VDA-11), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-061-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-126-391-11	s ELECT 47uF 20% 6.3V
C2	1-126-391-11	s ELECT 47uF 20% 6.3V
C4	1-163-101-00	s CERAMIC 22PF 5% 50V
C5	1-163-109-00	s CERAMIC 47PF 5% 50V
C6	1-126-390-11	s ELECT 22uF 20% 6.3V
C7	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C8	1-126-390-11	s ELECT 22uF 20% 6.3V
C9	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C10	1-163-038-00	s CERAMIC 0.1uF 25V
C11	1-163-105-00	s CERAMIC 33PF 5% 50V
C12	1-163-097-00	s CERAMIC 15PF 5% 50V
C13	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C14	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C15	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C16	1-126-392-11	s ELECT 100uF 20% 6.3V
C17	1-163-117-00	s CERAMIC 100PF 5% 50V
C101	1-163-038-00	s CERAMIC 0.1uF 25V
C103	1-163-038-00	s CERAMIC 0.1uF 25V
C104	1-163-038-00	s CERAMIC 0.1uF 25V
C105	1-163-137-00	s CERAMIC 680PF 5% 50V
C106	1-163-121-00	s CERAMIC 150PF 5% 50V
C107	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C108	1-163-109-00	s CERAMIC 47PF 5% 50V
C109	1-163-038-00	s CERAMIC 0.1uF 25V
C110	1-126-391-11	s ELECT 47uF 20% 6.3V
C111	1-163-038-00	s CERAMIC 0.1uF 25V
C112	1-163-038-00	s CERAMIC 0.1uF 25V
C113	1-163-038-00	s CERAMIC 0.1uF 25V
C114	1-163-038-00	s CERAMIC 0.1uF 25V
C115	1-163-038-00	s CERAMIC 0.1uF 25V
C116	1-126-392-11	s ELECT 100uF 20% 6.3V
C119	1-163-133-00	s CERAMIC 470PF 5% 50V
C120	1-163-133-00	s CERAMIC 470PF 5% 50V
C121	1-163-121-00	s CERAMIC 150PF 5% 50V
C122	1-163-121-00	s CERAMIC 150PF 5% 50V
C130	1-163-038-00	s CERAMIC 0.1uF 25V
C131	1-163-038-00	s CERAMIC 0.1uF 25V
C132	1-163-038-00	s CERAMIC 0.1uF 25V
C155	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C156	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C157	1-163-038-00	s CERAMIC 0.1uF 25V
C201	1-126-390-11	s ELECT 22uF 20% 6.3V
C202	1-163-120-00	s CERAMIC 130PF 5% 50V
C203	1-135-164-21	s TANTAL 22uF 20% 16V
C204	1-163-038-00	s CERAMIC 0.1uF 25V

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C205	1-126-391-11	s ELECT 47uF 20% 6.3V
C206	1-163-038-00	s CERAMIC 0.1uF 25V
C207	1-126-390-11	s ELECT 22uF 20% 6.3V
C208	1-163-038-00	s CERAMIC 0.1uF 25V
C209	1-126-390-11	s ELECT 22uF 20% 6.3V
C210	1-163-117-00	s CERAMIC 100PF 5% 50V
C211	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C212	1-163-120-00	s CERAMIC 130PF 5% 50V
C213	1-163-109-00	s CERAMIC 47PF 5% 50V
C214	1-126-390-11	s ELECT 22uF 20% 6.3V
C215	1-163-038-00	s CERAMIC 0.1uF 25V
C216	1-163-113-00	s CERAMIC 68PF 5% 50V
C217	1-163-109-00	s CERAMIC 47PF 5% 50V
C218	1-163-038-00	s CERAMIC 0.1uF 25V
C219	1-126-391-11	s ELECT 47uF 20% 6.3V
C220	1-135-149-21	s TANTAL 2.2uF 10% 6.3V
C221	1-126-390-11	s ELECT 22uF 20% 6.3V
C222	1-163-038-00	s CERAMIC 0.1uF 25V
C223	1-163-097-00	s CERAMIC 15PF 5% 50V
C224	1-163-097-00	s CERAMIC 15PF 5% 50V
C225	1-163-111-00	s CERAMIC 56PF 5% 50V
C226	1-163-111-00	s CERAMIC 56PF 5% 50V
C227	1-135-164-21	s TANTAL 22uF 20% 16V
C228	1-163-093-00	s CERAMIC 10PF 5% 50V
C229	1-163-093-00	s CERAMIC 10PF 5% 50V
C301	1-163-038-00	s CERAMIC 0.1uF 25V
CN1	1-566-960-11	o CONNECTOR, 50P, MALE
CN2	1-566-388-11	s PIN, CONNECTOR 2P, MALE
CNJ2	1-565-413-11	o PLUG, SHORTING
CV1	1-141-311-11	s TRIMMER 20PF
CV2	1-141-311-11	s TRIMMER 20PF
CV3	1-141-311-11	s TRIMMER 20PF
CV4	1-141-311-11	s TRIMMER 20PF
CV11	1-141-311-11	s TRIMMER 20PF
CV12	1-141-311-11	s TRIMMER 20PF
CV13	1-141-311-11	s TRIMMER 20PF
CV14	1-141-311-11	s TRIMMER 20PF
D201	8-719-123-85	s DIODE 1SS304
D301	8-719-105-82	s DIODE R05.1M-B2
FL1	1-236-021-11	s FILTER, LOW PASS (CHIP)
FL2	1-236-126-12	s FILTER, LOW PASS
FL202	1-236-621-11	s FILTER, LOW PASS
FL203	1-236-621-11	s FILTER, LOW PASS

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC1	8-759-209-15	s IC TC4S069F
IC2	8-741-152-41	s IC SBX1524-21
IC3	8-759-209-15	s IC TC4S069F
IC101	8-759-209-15	s IC TC4S069F
IC201	8-741-152-32	s IC SBX1523-03
IC301	8-759-230-99	s IC TC74HC4053AF
L1	1-408-789-21	s INDUCTOR CHIP 100uH
L2	1-408-789-21	s INDUCTOR CHIP 100uH
L3	1-408-777-00	s INDUCTOR CHIP 10uH
L4	1-410-713-31	s INDUCTOR CHIP 47uH
L101	1-408-789-21	s INDUCTOR CHIP 100uH
L103	1-410-725-31	s INDUCTOR CHIP 470uH
L104	1-410-725-31	s INDUCTOR CHIP 470uH
L105	1-408-789-21	s INDUCTOR CHIP 100uH
L106	1-408-789-21	s INDUCTOR CHIP 100uH
L202	1-408-789-21	s INDUCTOR CHIP 100uH
L203	1-410-713-31	s INDUCTOR CHIP 47uH
L204	1-410-713-31	s INDUCTOR CHIP 47uH
L205	1-408-789-21	s INDUCTOR CHIP 100uH
L206	1-410-385-11	s INDUCTOR CHIP 22uH
LV201	1-412-018-11	s COIL, VAR 5.6uH
Q1	8-729-905-18	s TRANSISTOR DTC144BU
Q2	8-729-905-18	s TRANSISTOR DTC144BU
Q3	8-729-122-63	s TRANSISTOR 2SA1226
Q4	8-729-122-63	s TRANSISTOR 2SA1226
Q5	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q6	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q7	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q8	8-729-117-72	s TRANSISTOR 2SC4178
Q9	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q10	8-729-905-18	s TRANSISTOR DTC144BU
Q11	8-729-117-72	s TRANSISTOR 2SC4178
Q12	8-729-905-12	s TRANSISTOR DTA144BU
Q101	8-729-117-72	s TRANSISTOR 2SC4178
Q106	8-729-117-72	s TRANSISTOR 2SC4178
Q107	8-729-117-72	s TRANSISTOR 2SC4178
Q108	8-729-109-44	s TRANSISTOR 2SK94
Q109	8-729-109-44	s TRANSISTOR 2SK94
Q110	8-729-109-44	s TRANSISTOR 2SK94
Q111	8-729-109-44	s TRANSISTOR 2SK94
Q112	8-729-117-72	s TRANSISTOR 2SC4178
Q114	8-729-117-72	s TRANSISTOR 2SC4178
Q115	8-729-117-72	s TRANSISTOR 2SC4178
Q116	8-729-117-72	s TRANSISTOR 2SC4178
Q117	8-729-905-12	s TRANSISTOR DTA144BU
Q118	8-729-905-12	s TRANSISTOR DTA144BU

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q120	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q121	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q122	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q123	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q131	8-729-109-44	s TRANSISTOR 2SK94
Q132	8-729-109-44	s TRANSISTOR 2SK94
Q133	8-729-109-44	s TRANSISTOR 2SK94
Q134	8-729-109-44	s TRANSISTOR 2SK94
Q153	8-729-209-07	s TRANSISTOR 2SC4213B
Q154	8-729-209-07	s TRANSISTOR 2SC4213B
Q155	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q156	8-729-117-72	s TRANSISTOR 2SC4178
Q157	8-729-117-72	s TRANSISTOR 2SC4178
Q158	8-729-109-44	s TRANSISTOR 2SK94
Q159	8-729-109-44	s TRANSISTOR 2SK94
Q160	8-729-109-44	s TRANSISTOR 2SK94
Q161	8-729-109-44	s TRANSISTOR 2SK94
Q201	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q202	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q203	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q204	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q205	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q206	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q207	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q208	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q209	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q210	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q211	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q301	8-729-101-07	s TRANSISTOR 2SB798-0L
Q303	8-729-807-50	s TRANSISTOR 2SD1623
R1	1-216-837-11	s METAL 22K 5% 1/16W
R2	1-218-293-11	s METAL 24K 5% 1/16W
R3	1-216-994-11	s METAL 13K 5% 1/16W
R4	1-216-840-11	s METAL 39K 5% 1/16W
R5	1-216-658-11	s METAL 5.1K 0.50% 1/10W
R6	1-216-680-11	s METAL 16K 0.50% 1/10W
R7	1-216-822-11	s METAL 1.2K 5% 1/16W
R8	1-216-829-11	s METAL 4.7K 5% 1/16W
R9	1-216-817-11	s METAL 470 5% 1/16W
R10	1-216-828-11	s METAL 3.9K 5% 1/16W
R12	1-218-312-11	s METAL 470 1% 1/16W
R13	1-216-823-11	s METAL 1.5K 5% 1/16W
R14	1-216-821-11	s METAL 1K 5% 1/16W
R15	1-216-823-11	s METAL 1.5K 5% 1/16W
R16	1-216-827-11	s METAL 3.3K 5% 1/16W
R17	1-216-821-11	s METAL 1K 5% 1/16W
R18	1-216-821-11	s METAL 1K 5% 1/16W
R19	1-216-826-11	s METAL 2.7K 5% 1/16W
R20	1-216-824-11	s METAL 1.8K 5% 1/16W
R21	1-216-827-11	s METAL 3.3K 5% 1/16W

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R22	1-216-825-11	s METAL 2.2K 5% 1/16W
R23	1-216-833-11	s METAL 10K 5% 1/16W
R24	1-216-833-11	s METAL 10K 5% 1/16W
R25	1-216-838-11	s METAL 27K 5% 1/16W
R26	1-216-829-11	s METAL 4.7K 5% 1/16W
R27	1-216-829-11	s METAL 4.7K 5% 1/16W
R28	1-216-833-11	s METAL 10K 5% 1/16W
R29	1-216-839-11	s METAL 33K 5% 1/16W
R30	1-216-837-11	s METAL 22K 5% 1/16W
R31	1-216-833-11	s METAL 10K 5% 1/16W
R32	1-216-846-11	s METAL 120K 5% 1/16W
R33	1-216-833-11	s METAL 10K 5% 1/16W
R34	1-216-865-11	s METAL 3K 5% 1/16W
R45	1-216-809-11	s METAL 100 5% 1/16W
R101	1-216-825-11	s METAL 2.2K 5% 1/16W
R102	1-216-825-11	s METAL 2.2K 5% 1/16W
R103	1-216-817-11	s METAL 470 5% 1/16W
R104	1-216-821-11	s METAL 1K 5% 1/16W
R105	1-216-825-11	s METAL 2.2K 5% 1/16W
R106	1-216-821-11	s METAL 1K 5% 1/16W
R108	1-216-817-11	s METAL 470 5% 1/16W
R109	1-216-845-11	s METAL 100K 5% 1/16W
R110	1-216-817-11	s METAL 470 5% 1/16W
R111	1-216-845-11	s METAL 100K 5% 1/16W
R112	1-216-817-11	s METAL 470 5% 1/16W
R113	1-216-845-11	s METAL 100K 5% 1/16W
R114	1-216-817-11	s METAL 470 5% 1/16W
R115	1-216-845-11	s METAL 100K 5% 1/16W
R116	1-216-817-11	s METAL 470 5% 1/16W
R117	1-216-809-11	s METAL 100 5% 1/16W
R118	1-216-829-11	s METAL 4.7K 5% 1/16W
R119	1-216-815-11	s METAL 330 5% 1/16W
R120	1-216-833-11	s METAL 10K 5% 1/16W
R121	1-216-840-11	s METAL 39K 5% 1/16W
R122	1-216-845-11	s METAL 100K 5% 1/16W
R123	1-216-837-11	s METAL 22K 5% 1/16W
R124	1-216-845-11	s METAL 100K 5% 1/16W
R125	1-216-837-11	s METAL 22K 5% 1/16W
R126	1-216-845-11	s METAL 100K 5% 1/16W
R127	1-216-837-11	s METAL 22K 5% 1/16W
R128	1-216-845-11	s METAL 100K 5% 1/16W
R129	1-216-837-11	s METAL 22K 5% 1/16W
R130	1-216-809-11	s METAL 100 5% 1/16W
R131	1-216-827-11	s METAL 3.3K 5% 1/16W
R132	1-218-289-11	s METAL 510 5% 1/16W
R133	1-218-289-11	s METAL 510 5% 1/16W
R134	1-218-288-11	s METAL 300 5% 1/16W
R136	1-216-822-11	s METAL 1.2K 5% 1/16W
R138	1-216-823-11	s METAL 1.5K 5% 1/16W
R140	1-218-303-11	s METAL 10K 1% 1/16W

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R141	1-218-303-11	s METAL 10K 1% 1/16W
R142	1-216-821-11	s METAL 1K 5% 1/16W
R143	1-216-822-11	s METAL 1.2K 5% 1/16W
R144	1-216-821-11	s METAL 1K 5% 1/16W
R145	1-216-821-11	s METAL 1K 5% 1/16W
R146	1-216-814-11	s METAL 270 5% 1/16W
R147	1-216-823-11	s METAL 1.5K 5% 1/16W
R148	1-216-827-11	s METAL 3.3K 5% 1/16W
R149	1-216-821-11	s METAL 1K 5% 1/16W
R150	1-216-837-11	s METAL 22K 5% 1/16W
R151	1-216-837-11	s METAL 22K 5% 1/16W
R160	1-216-827-11	s METAL 3.3K 5% 1/16W
R161	1-216-818-11	s METAL 560 5% 1/16W
R162	1-216-829-11	s METAL 4.7K 5% 1/16W
R163	1-216-837-11	s METAL 22K 5% 1/16W
R164	1-216-837-11	s METAL 22K 5% 1/16W
R165	1-216-830-11	s METAL 5.6K 5% 1/16W
R166	1-216-817-11	s METAL 470 5% 1/16W
R167	1-216-845-11	s METAL 100K 5% 1/16W
R168	1-216-845-11	s METAL 100K 5% 1/16W
R169	1-216-845-11	s METAL 100K 5% 1/16W
R170	1-216-845-11	s METAL 100K 5% 1/16W
R171	1-216-837-11	s METAL 22K 5% 1/16W
R172	1-216-837-11	s METAL 22K 5% 1/16W
R173	1-216-837-11	s METAL 22K 5% 1/16W
R174	1-216-837-11	s METAL 22K 5% 1/16W
R180	1-216-833-11	s METAL 10K 5% 1/16W
R181	1-216-797-11	s METAL 10 5% 1/16W
R182	1-216-826-11	s METAL 2.7K 5% 1/16W
R183	1-216-797-11	s METAL 10 5% 1/16W
R184	1-216-826-11	s METAL 2.7K 5% 1/16W
R185	1-216-864-11	s METAL 0 5% 1/16W
R186	1-216-789-11	s METAL 2.2 5% 1/16W
R187	1-216-789-11	s METAL 2.2 5% 1/16W
R188	1-216-789-11	s METAL 2.2 5% 1/16W
R189	1-216-789-11	s METAL 2.2 5% 1/16W
R190	1-216-864-11	s METAL 0 5% 1/16W
R191	1-216-816-11	s METAL 390 5% 1/16W
R201	1-216-833-11	s METAL 10K 5% 1/16W
R202	1-216-821-11	s METAL 1K 5% 1/16W
R203	1-216-821-11	s METAL 1K 5% 1/16W
R204	1-216-825-11	s METAL 2.2K 5% 1/16W
R205	1-216-821-11	s METAL 1K 5% 1/16W
R206	1-216-818-11	s METAL 560 5% 1/16W
R207	1-216-827-11	s METAL 3.3K 5% 1/16W
R208	1-216-820-11	s METAL 820 5% 1/16W
R209	1-216-829-11	s METAL 4.7K 5% 1/16W
R210	1-216-821-11	s METAL 1K 5% 1/16W
R211	1-216-833-11	s METAL 10K 5% 1/16W
R212	1-216-833-11	s METAL 10K 5% 1/16W

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R213	1-216-821-11	s METAL 1K 5% 1/16W
R214	1-216-825-11	s METAL 2.2K 5% 1/16W
R215	1-216-817-11	s METAL 470 5% 1/16W
R216	1-216-836-11	s METAL 18K 5% 1/16W
R217	1-216-821-11	s METAL 1K 5% 1/16W
R218	1-216-818-11	s METAL 560 5% 1/16W
R219	1-216-827-11	s METAL 3.3K 5% 1/16W
R221	1-216-864-11	s METAL 0 5% 1/16W
R222	1-216-830-11	s METAL 5.6K 5% 1/16W
R223	1-216-820-11	s METAL 820 5% 1/16W
R224	1-216-829-11	s METAL 4.7K 5% 1/16W
R226	1-216-829-11	s METAL 4.7K 5% 1/16W
R227	1-216-840-11	s METAL 39K 5% 1/16W
R228	1-216-833-11	s METAL 10K 5% 1/16W
R229	1-218-303-11	s METAL 10K 1% 1/16W
R230	1-216-833-11	s METAL 10K 5% 1/16W
R231	1-216-834-11	s METAL 12K 5% 1/16W
R232	1-216-841-11	s METAL 47K 5% 1/16W
R233	1-216-845-11	s METAL 100K 5% 1/16W
R234	1-216-832-11	s METAL 8.2K 5% 1/16W
R236	1-216-830-11	s METAL 5.6K 5% 1/16W
R237	1-216-814-11	s METAL 270 5% 1/16W
R238	1-216-829-11	s METAL 4.7K 5% 1/16W
R239	1-216-833-11	s METAL 10K 5% 1/16W
R240	1-216-833-11	s METAL 10K 5% 1/16W
R241	1-216-791-11	s METAL 3.3 5% 1/16W
R242	1-216-821-11	s METAL 1K 5% 1/16W
R243	1-216-821-11	s METAL 1K 5% 1/16W
R244	1-216-830-11	s METAL 5.6K 5% 1/16W
R245	1-216-825-11	s METAL 2.2K 5% 1/16W
R301	1-216-821-11	s METAL 1K 5% 1/16W
R302	1-216-825-11	s METAL 2.2K 5% 1/16W
R304	1-216-825-11	s METAL 2.2K 5% 1/16W
R305	1-216-826-11	s METAL 2.7K 5% 1/16W
RV1	1-237-036-11	s RES. ADJ. METAL 5K
RV2	1-237-036-11	s RES. ADJ. METAL 5K
RV3	1-237-034-11	s RES. ADJ. METAL 2K
RV4	1-237-039-11	s RES. ADJ. METAL 100K
RV5	1-237-034-11	s RES. ADJ. METAL 2K
RV6	1-237-035-11	s RES. ADJ. METAL 5K
RV7	1-237-037-11	s RES. ADJ. METAL 20K
RV101	1-237-035-11	s RES. ADJ. METAL 5K
RV102	1-237-035-11	s RES. ADJ. METAL 5K
RV103	1-237-035-11	s RES. ADJ. METAL 5K

(VDA-11P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV104	1-237-035-11	s RES. ADJ. METAL 5K
RV105	1-237-032-11	s RES. ADJ. METAL 500
RV107	1-230-867-11	s RES. ADJ. METAL 1K
RV108	1-230-868-11	s RES. ADJ. METAL 2.2K
RV201	1-237-035-11	s RES. ADJ. METAL 5K
RV202	1-237-035-11	s RES. ADJ. METAL 5K
RV203	1-237-037-11	s RES. ADJ. METAL 20K
RV204	1-230-871-11	s RES. ADJ. METAL 22K
RV205	1-237-033-11	s RES. ADJ. METAL 1K
RV206	1-237-033-11	s RES. ADJ. METAL 1K
RV208	1-230-871-11	s RES. ADJ. METAL 22K
RV209	1-237-035-11	s RES. ADJ. METAL 5K
RV210	1-237-035-11	s RES. ADJ. METAL 5K
RV211	1-237-034-11	s RES. ADJ. METAL 2K
RV212	1-237-036-11	s RES. ADJ. METAL 10K
RV213	1-237-036-11	s RES. ADJ. METAL 10K
TH1	1-808-862-21	s THERMISTOR (CHIP)

VF-32 BOARD

(VF-32 BOARD)

Ref. No.
or Q'ty Part No. SP Description

1pc Δ A-7513-642-B \circ MOUNTED CIRCUIT BOARD, VF-32

C1 1-135-159-21 s TANTAL 10uF 10% 16V
C2 1-135-125-21 s TANTAL 33uF 20% 10V
C4 1-135-155-21 s TANTAL 4.7uF 10% 10V
C6 1-163-125-00 s CERAMIC 220PF 5% 50V
C7 1-163-038-00 s CERAMIC 0.1uF 25V
C8 1-163-115-00 s CERAMIC 82PF 5% 50V
C10 1-164-232-11 s CERAMIC 0.01uF 10% 50V
C11 1-164-232-11 s CERAMIC 0.01uF 10% 50V
C12 1-163-038-00 s CERAMIC 0.1uF 25V
C13 1-131-374-00 s TANTALUM 33uF 10% 16V
C14 1-131-374-00 s TANTALUM 33uF 10% 16V
C15 Δ 1-136-534-11 s FILM 0.0027uF 5% 100V
C16 Δ 1-136-287-11 s FILM 0.0047uF 5% 100V
C17 1-163-038-00 s CERAMIC 0.1uF 25V
C18 1-164-232-11 s CERAMIC 0.01uF 10% 50V
C19 1-163-038-00 s CERAMIC 0.1uF 25V
C20 1-163-038-00 s CERAMIC 0.1uF 25V
C21 1-164-350-11 s CERAMIC 470PF 10% 1KV
C22 1-126-233-11 s ELECT 22uF 20% 50V
C23 1-163-833-00 s CERAMIC 0.068uF 25V
C24 1-131-365-00 s TANTALUM 10uF 10% 20V
C25 1-135-159-21 s TANTAL 10uF 10% 16V
C26 1-135-076-21 s TANTAL 1uF 10% 35V
C27 1-135-159-21 s TANTAL 10uF 10% 16V
C28 1-163-038-00 s CERAMIC 0.1uF 25V
C29 1-163-038-00 s CERAMIC 0.1uF 25V
C30 1-135-159-21 s TANTAL 10uF 10% 16V
C31 1-135-091-00 s TANTAL 1uF 10% 16V
C32 1-163-019-00 s CERAMIC 0.0068uF 10% 50V
C33 1-135-159-21 s TANTAL 10uF 10% 16V
C34 1-135-159-21 s TANTAL 10uF 10% 16V
C35 1-136-287-11 s FILM 0.0047uF 5% 100V
C36 1-163-038-00 s CERAMIC 0.1uF 25V
C37 1-163-037-11 s CERAMIC 0.022uF 10% 25V
C38 1-135-076-21 s TANTAL 1uF 10% 35V
C39 1-135-076-21 s TANTAL 1uF 10% 35V
C40 1-163-017-00 s CERAMIC 0.0047uF 10% 50V
C41 1-135-159-21 s TANTAL 10uF 10% 16V
C42 1-135-092-21 s TANTAL 3.3uF 10% 16V
C43 1-163-038-00 s CERAMIC 0.1uF 25V
C44 1-163-133-00 s CERAMIC 470PF 5% 50V
C45 1-135-159-21 s TANTAL 10uF 10% 16V
C46 1-126-176-11 s ELECT 220uF 20% 6.3V
C47 1-124-455-00 s ELECT 100uF 20% 16V
C48 1-163-038-00 s CERAMIC 0.1uF 25V

Ref. No.
or Q'ty Part No. SP Description

C49 1-163-109-00 s CERAMIC 47PF 5% 50V
C50 1-163-125-00 s CERAMIC 220PF 5% 50V
C51 1-163-018-00 s CERAMIC 0.0056uF 10% 50V
C52 1-163-121-00 s CERAMIC 150PF 5% 50V
CN1 1-566-395-11 \circ CONNECTOR 10P, MALE
CN2 1-566-391-11 \circ CONNECTOR 12P, MALE
CN3 1-506-469-11 s CONNECTOR 4P, MALE
CN4 1-506-470-11 s CONNECTOR 5P, MALE
CN5 1-506-470-11 s CONNECTOR 5P, MALE
CN6 1-506-467-11 \circ CONNECTOR 2P, MALE
CN7 1-566-393-11 \circ CONNECTOR 6P, MALE
CV1 1-141-370-11 s CAP, CHIP TRIMMER 50PF
D1 8-719-914-11 s DIODE HZ4ALL
D2 8-719-800-76 s DIODE 1SS226
D3 8-719-900-95 s DIODE V09G
D5 8-719-901-19 s DIODE V11N
D6 8-719-900-95 s DIODE V09G
D7 8-719-400-18 s DIODE 1S2838
D8 8-719-400-18 s DIODE 1S2838
D9 8-719-800-76 s DIODE 1SS226
D10 8-719-800-76 s DIODE 1SS226
D11 8-719-400-18 s DIODE 1S2838
D12 8-719-910-75 s DIODE HZ7B2L
D13 8-719-104-34 s DIODE 1S2836
DL1 1-415-487-11 s DELAY LINE 140ns
IC1 Δ 8-759-300-28 s IC HA11423MP
IC2 8-759-100-94 s IC UPC358G2
IC3 8-759-209-57 s IC TC4S69F
IC4 8-759-209-54 s IC TC4S01F
L2 1-459-899-11 s COIL, HORIZONTAL LINEARITY
L3 1-410-716-31 s INDUCTOR CHIP 82uH
Q1 8-729-175-72 s TRANSISTOR 2SC2757
Q2 8-729-175-72 s TRANSISTOR 2SC2757
Q3 8-729-175-72 s TRANSISTOR 2SC2757
Q4 8-729-175-72 s TRANSISTOR 2SC2757
Q5 8-729-100-66 s TRANSISTOR 2SC1623
Q6 8-729-105-37 s TRANSISTOR 2SC3360
Q7 8-729-100-66 s TRANSISTOR 2SC1623
Q8 8-729-119-00 s TRANSISTOR 2SK612
Q9 8-729-119-00 s TRANSISTOR 2SK612
Q10 8-729-105-37 s TRANSISTOR 2SC3360
Q11 8-729-100-66 s TRANSISTOR 2SC1623
Q12 8-729-216-22 s TRANSISTOR 2SA1162
Q13 8-729-175-72 s TRANSISTOR 2SC2757
Q14 8-729-100-66 s TRANSISTOR 2SC1623
Q15 8-729-216-22 s TRANSISTOR 2SA1162

(VP-32 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q16	8-729-162-43	s TRANSISTOR 2S8624-BV3
Q17	8-729-109-44	s TRANSISTOR 2SK94
Q18	8-729-216-22	s TRANSISTOR 2SA1162
R2	1-216-009-00	s METAL 22 5% 1/10W
R3	1-216-687-11	s METAL 33K 0.50% 1/10W
R4	1-216-683-11	s METAL 22K 0.50% 1/10W
R5	1-216-644-11	s METAL 510 0.50% 1/10W
R6	1-216-644-11	s METAL 510 0.50% 1/10W
R7	1-216-055-00	s METAL 1.8K 5% 1/10W
R8	1-216-644-11	s METAL 510 0.50% 1/10W
R10	1-216-657-11	s METAL 1.8K 0.50% 1/10W
R11	1-216-689-11	s METAL 39K 0.50% 1/10W
R12	1-216-683-11	s METAL 22K 0.50% 1/10W
R13	1-216-043-00	s METAL 560 5% 1/10W
R14	1-216-637-11	s METAL 270 0.50% 1/10W
R15	1-216-671-11	s METAL 6.8K 0.50% 1/10W
R16	1-216-639-11	s METAL 330 0.50% 1/10W
R17	1-216-644-11	s METAL 510 0.50% 1/10W
R18	1-216-057-00	s METAL 2.2K 5% 1/10W
R19	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R20	1-216-645-11	s METAL 560 0.50% 1/10W
R21	1-216-047-00	s METAL 82K 5% 1/10W
R22	1-216-657-11	s METAL 1.8K 0.50% 1/10W
R23	1-216-673-11	s METAL 8.2K 0.50% 1/10W
R24	1-216-073-00	s METAL 10K 5% 1/10W
R25	1-216-683-11	s METAL 22K 0.50% 1/10W
R26	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R27	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R28	1-216-667-11	s METAL 4.7K 0.50% 1/10W
R29	1-214-520-00	s METAL 30 1% 1/8W
R31	1-216-133-00	s METAL 3.3M 5% 1/10W
R32	1-216-698-11	s METAL 91K 0.50% 1/10W
R33	1-216-073-00	s METAL 10K 5% 1/10W
R35	1-216-085-00	s METAL 33K 5% 1/10W
R36	1-216-075-00	s METAL 12K 5% 1/10W
R37	1-216-113-00	s METAL 470K 5% 1/10W
R38	1-216-083-00	s METAL 27K 5% 1/10W
R39	1-216-071-00	s METAL 8.2K 5% 1/10W
R40	1-216-049-00	s METAL 1K 5% 1/10W
R41	1-216-025-00	s METAL 100 5% 1/10W
R42	1-216-081-00	s METAL 22K 5% 1/10W
R43	1-216-669-11	s METAL 5.6K 0.50% 1/10W
R44	1-216-027-00	s METAL 120 5% 1/10W
R45	1-216-093-00	s METAL 68K 5% 1/10W
R46	1-215-490-00	s METAL 750K 1% 1/6W
R47	1-216-097-00	s METAL 100K 5% 1/10W
R48	1-216-075-00	s METAL 12K 5% 1/10W
R49	1-216-071-00	s METAL 8.2K 5% 1/10W

(VF-32 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R50	1-216-085-00	s METAL 33K 5% 1/10W
R51	1-216-057-00	s METAL 2.2K 5% 1/10W
R52	1-216-109-00	s METAL 330K 5% 1/10W
R53	1-216-748-11	s METAL 39K 5% 1/10W
R54	1-216-067-00	s METAL 5.6K 5% 1/10W
R55	1-216-073-00	s METAL 10K 5% 1/10W
R56	1-216-069-00	s METAL 6.8K 5% 1/10W
R57	1-216-005-00	s METAL 15 5% 1/10W
R58	1-216-061-00	s METAL 3.3K 5% 1/10W
R59	1-216-065-00	s METAL 4.7K 5% 1/10W
R60	1-216-308-00	s METAL 4.7 5% 1/10W
R61	1-216-089-00	s METAL 47K 5% 1/10W
R62	1-216-049-00	s METAL 1K 5% 1/10W
R63	1-216-085-00	s METAL 33K 5% 1/10W
R64	1-216-097-00	s METAL 100K 5% 1/10W
R65	1-216-043-00	s METAL 560 5% 1/10W
R67	1-216-033-00	s METAL 220 5% 1/10W
R68	1-216-001-00	s METAL 10 5% 1/10W
R69	1-216-061-00	s METAL 3.3K 5% 1/10W
R71	1-216-051-00	s METAL 1.2K 5% 1/10W
R72	1-216-037-00	s METAL 330 5% 1/10W
R75	1-216-049-00	s METAL 1K 5% 1/10W
R76	1-216-073-00	s METAL 10K 5% 1/10W
R77	1-216-133-00	s METAL 3.3M 5% 1/10W
R78	1-216-133-00	s METAL 3.3M 5% 1/10W
R79	1-216-681-11	s METAL 18K 0.50% 1/10W
R80	1-216-071-00	s METAL 8.2K 5% 1/10W
R81	1-216-683-11	s METAL 22K 0.50% 1/10W
R82	1-216-683-11	s METAL 22K 0.50% 1/10W
R83	1-215-101-00	s METAL 150K 5% 1/10W
R84	1-216-053-00	s METAL 1.5K 5% 1/10W
R85	1-216-668-11	s METAL 5.1K 0.50% 1/10W
R86	1-216-693-11	s METAL 56K 0.50% 1/10W
R87	1-216-659-11	s METAL 2.2K 0.50% 1/10W
R88	1-216-121-00	s METAL 1M 5% 1/10W
R89	1-216-097-00	s METAL 100K 5% 1/10W
R91	1-216-627-11	s METAL 100 0.50% 1/10W
R92	1-216-627-11	s METAL 100 0.50% 1/10W
R93	1-216-644-11	s METAL 510 0.50% 1/10W
R94	1-216-309-00	s METAL 5.6 5% 1/10W
R95	1-216-061-00	s METAL 3.3K 5% 1/10W
R96	1-216-073-00	s METAL 10K 5% 1/10W
R97	1-208-259-00	s RES 0HM 10W
R98	1-216-089-00	s METAL 47K 5% 1/10W
R99	1-216-085-00	s METAL 33K 5% 1/10W
RV1	1-237-035-11	s RES, ADJ. METAL 5K
RV2	1-237-035-11	s RES, ADJ. METAL 5K
RV3	1-237-035-11	s RES, ADJ. METAL 5K
RV4	1-237-041-11	s RES, ADJ. METAL 500K
RV5	1-237-035-11	s RES, ADJ. METAL 5K

(VP-32 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV6	1-237-031-11	s RES. ADJ. METAL 200
RV7	1-237-032-11	s RES. ADJ. METAL 500
RV8	1-237-032-11	s RES. ADJ. METAL 500
RV9	1-237-038-11	s RES. ADJ. METAL 50K
T1	Δ 1-439-419-11	s TRANSFORMER, FLYBACK
VDR1	1-806-497-00	s VARISTOR BRZ-C05DK220

VP-24P BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6711-992-A	o MOUNTED CIRCUIT BOARD, VP-24P
1pc	3-724-706-01	o PLATE (VP-24), ORNAMENTAL
1pc	3-724-753-01	o RING
5pcs	3-729-081-01	s SCREW (M2X4.5) (TYPE 1)
1pc	7-688-001-12	s W 2, MIDDLE
C1	1-126-390-11	s ELECT 22uF 20% 6.3V
C2	1-126-398-11	s ELECT 4.7uF 20% 35V
C3	1-126-401-11	s ELECT 1uF 20% 50V
C4	1-126-390-11	s ELECT 22uF 20% 6.3V
C5	1-163-038-00	s CERAMIC 0.1uF 25V
C6	1-163-038-00	s CERAMIC 0.1uF 25V
C21	1-163-038-00	s CERAMIC 0.1uF 25V
C22	1-163-038-00	s CERAMIC 0.1uF 25V
C23	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C24	1-163-038-00	s CERAMIC 0.1uF 25V
C26	1-163-095-00	s CERAMIC 12PF 5% 50V
C27	1-163-105-00	s CERAMIC 33PF 5% 50V
C28	1-163-038-00	s CERAMIC 0.1uF 25V
C30	1-163-038-00	s CERAMIC 0.1uF 25V
C32	1-163-038-00	s CERAMIC 0.1uF 25V
C33	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C34	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C51	1-163-038-00	s CERAMIC 0.1uF 25V
C52	1-163-038-00	s CERAMIC 0.1uF 25V
C53	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C54	1-163-038-00	s CERAMIC 0.1uF 25V
C56	1-163-095-00	s CERAMIC 12PF 5% 50V
C57	1-163-105-00	s CERAMIC 33PF 5% 50V
C58	1-163-038-00	s CERAMIC 0.1uF 25V
C60	1-163-038-00	s CERAMIC 0.1uF 25V
C62	1-163-038-00	s CERAMIC 0.1uF 25V
C63	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C64	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C81	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C82	1-163-038-00	s CERAMIC 0.1uF 25V
C83	1-126-390-11	s ELECT 22uF 20% 6.3V
C84	1-163-038-00	s CERAMIC 0.1uF 25V
C85	1-163-125-00	s CERAMIC 220PF 5% 50V
C86	1-163-125-00	s CERAMIC 220PF 5% 50V
C101	1-163-038-00	s CERAMIC 0.1uF 25V
C102	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C103	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C104	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C105	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C106	1-163-129-00	s CERAMIC 330PF 5% 50V
C107	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C109	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C110	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C111	1-163-101-00	s CERAMIC 22PF 5% 50V
C112	1-163-141-00	s CERAMIC 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP Description
C121	1-126-392-11	s ELECT 100uF 20% 6.3V
C122	1-163-125-00	s CERAMIC 220PF 5% 50V
C123	1-163-099-00	s CERAMIC 18PF 5% 50V
C124	1-163-097-00	s CERAMIC 15PF 5% 50V
C125	1-163-097-00	s CERAMIC 15PF 5% 50V
C126	1-126-390-11	s ELECT 22uF 20% 6.3V
C127	1-126-398-11	s ELECT 4.7uF 20% 35V
C128	1-126-390-11	s ELECT 22uF 20% 6.3V
C129	1-126-390-11	s ELECT 22uF 20% 6.3V
C141	1-163-109-00	s CERAMIC 47PF 5% 50V
C142	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C143	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C144	1-163-038-00	s CERAMIC 0.1uF 25V
C145	1-163-121-00	s CERAMIC 150PF 5% 50V
C146	1-164-232-11	s CERAMIC 0.01uF 10% 50V
C147	1-163-093-00	s CERAMIC 10PF 5% 50V
C148	1-163-117-00	s CERAMIC 100PF 5% 50V
C149	1-126-401-11	s ELECT 1uF 20% 50V
C150	1-163-038-00	s CERAMIC 0.1uF 25V
C151	1-163-129-00	s CERAMIC 330PF 5% 50V
C152	1-163-038-00	s CERAMIC 0.1uF 25V
C153	1-163-038-00	s CERAMIC 0.1uF 25V
C154	1-163-133-00	s CERAMIC 470PF 5% 50V
C155	1-163-121-00	s CERAMIC 150PF 5% 50V
C156	1-163-038-00	s CERAMIC 0.1uF 25V
C157	1-163-141-00	s CERAMIC 0.001uF 5% 50V
C158	1-163-121-00	s CERAMIC 150PF 5% 50V
C159	1-163-121-00	s CERAMIC 150PF 5% 50V
C160	1-163-125-00	s CERAMIC 220PF 5% 50V
C161	1-163-103-00	s CERAMIC 27PF 5% 50V
C162	1-163-097-00	s CERAMIC 15PF 5% 50V
C163	1-163-038-00	s CERAMIC 0.1uF 25V
CN1	1-566-960-11	o CONNECTOR, 50P, MALE
D1	8-719-123-85	s DIODE 1SS304
D2	8-719-123-85	s DIODE 1SS304
D3	8-719-123-85	s DIODE 1SS304
D4	8-719-123-85	s DIODE 1SS304
FB21	1-543-309-12	s BEAD, FERRITE
FB51	1-543-309-12	s BEAD, FERRITE
FB101	1-543-309-12	s BEAD, FERRITE
IC1	8-759-112-53	s IC UPC1663G
IC2	8-759-112-53	s IC UPC1663G
IC3	8-759-977-69	s IC CXD1357Q
IC4	8-759-230-99	s IC TC74HC4053AP
IC5	8-759-932-14	s IC CX20030-Z

(VP-24P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC6	8-759-209-90	s IC TC4571F
IC7	8-759-239-34	s IC TC74HC4538AP
L21	1-410-703-21	s INDUCTOR CHIP 6.8uH
L51	1-410-703-21	s INDUCTOR CHIP 6.8uH
L101	1-410-706-31	s INDUCTOR CHIP 12uH
L121	1-410-717-31	s INDUCTOR CHIP 100uH
L122	1-410-707-21	s INDUCTOR CHIP 15uH
L123	1-410-722-31	s INDUCTOR CHIP 270uH
Q1	8-729-162-43	s TRANSISTOR 2SB624-BV3
Q2	8-729-905-18	s TRANSISTOR DTC144EU
Q3	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q4	8-729-117-32	s TRANSISTOR 2SC4177-L6
Q5	8-729-162-43	s TRANSISTOR 2SB624-BV3
Q8	8-729-109-44	s TRANSISTOR 2SK94
Q9	8-729-109-44	s TRANSISTOR 2SK94
Q10	8-729-109-44	s TRANSISTOR 2SK94
Q11	8-729-109-44	s TRANSISTOR 2SK94
Q12	8-729-117-72	s TRANSISTOR 2SC4178
Q13	8-729-117-72	s TRANSISTOR 2SC4178
Q14	8-729-117-72	s TRANSISTOR 2SC4178
Q15	8-729-109-44	s TRANSISTOR 2SK94
Q16	8-729-109-44	s TRANSISTOR 2SK94
Q17	8-729-109-44	s TRANSISTOR 2SK94
Q18	8-729-109-44	s TRANSISTOR 2SK94
Q19	8-729-117-72	s TRANSISTOR 2SC4178
Q20	8-729-117-72	s TRANSISTOR 2SC4178
Q21	8-729-117-72	s TRANSISTOR 2SC4178
Q22	8-729-905-12	s TRANSISTOR DTA144BU
Q23	8-729-906-33	s TRANSISTOR DTC114YU
Q25	8-729-906-33	s TRANSISTOR DTC114YU
Q26	8-729-905-18	s TRANSISTOR DTC144EU
Q27	8-729-905-18	s TRANSISTOR DTC144EU
Q28	8-729-905-12	s TRANSISTOR DTA144BU
Q29	8-729-905-18	s TRANSISTOR DTC144EU
Q30	8-729-905-18	s TRANSISTOR DTC144EU
Q31	8-729-117-72	s TRANSISTOR 2SC4178
Q32	8-729-117-72	s TRANSISTOR 2SC4178
Q33	8-729-117-72	s TRANSISTOR 2SC4178
Q34	8-729-117-72	s TRANSISTOR 2SC4178
Q35	8-729-117-72	s TRANSISTOR 2SC4178
Q36	8-729-117-72	s TRANSISTOR 2SC4178
Q37	8-729-117-72	s TRANSISTOR 2SC4178
Q38	8-729-117-72	s TRANSISTOR 2SC4178
Q39	8-729-117-72	s TRANSISTOR 2SC4178
Q40	8-729-905-18	s TRANSISTOR DTC144EU
Q41	8-729-109-44	s TRANSISTOR 2SK94
Q42	8-729-109-44	s TRANSISTOR 2SK94
Q43	8-729-109-44	s TRANSISTOR 2SK94

(VP-24P BOARD)

(VP-24P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q44	8-729-109-44	s TRANSISTOR 2SK94
Q45	8-729-109-44	s TRANSISTOR 2SK94
Q46	8-729-109-44	s TRANSISTOR 2SK94
Q47	8-729-109-44	s TRANSISTOR 2SK94
Q48	8-729-109-44	s TRANSISTOR 2SK94
Q51	8-729-117-72	s TRANSISTOR 2SC4178
Q52	8-729-117-72	s TRANSISTOR 2SC4178
Q53	8-729-905-12	s TRANSISTOR DTA144EU
Q54	8-729-905-18	s TRANSISTOR DTC144EU
Q55	8-729-906-33	s TRANSISTOR DTC114YU
Q56	8-729-905-18	s TRANSISTOR DTC144EU
Q57	8-729-905-12	s TRANSISTOR DTA144EU
Q58	8-729-905-18	s TRANSISTOR DTC144EU
Q59	8-729-905-18	s TRANSISTOR DTC144EU
Q60	8-729-905-12	s TRANSISTOR DTA144EU
Q61	8-729-117-72	s TRANSISTOR 2SC4178
Q62	8-729-905-18	s TRANSISTOR DTC144EU
R1	1-216-833-11	s METAL 10K 5% 1/16W
R2	1-216-821-11	s METAL 1K 5% 1/16W
R3	1-216-821-11	s METAL 1K 5% 1/16W
R4	1-216-831-11	s METAL 6.8K 5% 1/16W
R5	1-216-837-11	s METAL 22K 5% 1/16W
R6	1-216-833-11	s METAL 10K 5% 1/16W
R7	1-216-825-11	s METAL 2.2K 5% 1/16W
R8	1-216-829-11	s METAL 4.7K 5% 1/16W
R9	1-216-833-11	s METAL 10K 5% 1/16W
R21	1-216-809-11	s METAL 100 5% 1/16W
R22	1-216-809-11	s METAL 100 5% 1/16W
R23	1-216-829-11	s METAL 4.7K 5% 1/16W
R24	1-216-829-11	s METAL 4.7K 5% 1/16W
R25	1-216-825-11	s METAL 2.2K 5% 1/16W
R26	1-216-825-11	s METAL 2.2K 5% 1/16W
R27	1-216-819-11	s METAL 680 5% 1/16W
R28	1-216-827-11	s METAL 3.3K 5% 1/16W
R29	1-216-813-11	s METAL 220 5% 1/16W
R30	1-216-833-11	s METAL 10K 5% 1/16W
R31	1-216-833-11	s METAL 10K 5% 1/16W
R32	1-216-833-11	s METAL 10K 5% 1/16W
R33	1-216-833-11	s METAL 10K 5% 1/16W
R34	1-216-837-11	s METAL 22K 5% 1/16W
R37	1-216-821-11	s METAL 1K 5% 1/16W
R38	1-216-833-11	s METAL 10K 5% 1/16W
R39	1-216-817-11	s METAL 470 5% 1/16W
R40	1-216-817-11	s METAL 470 5% 1/16W
R41	1-216-815-11	s METAL 330 5% 1/16W
R42	1-216-817-11	s METAL 470 5% 1/16W
R43	1-216-813-11	s METAL 220 5% 1/16W

Ref. No. or Q'ty	Part No.	SP Description
R44	1-216-807-11	s METAL 68 5% 1/16W
R45	1-216-829-11	s METAL 4.7K 5% 1/16W
R46	1-216-829-11	s METAL 4.7K 5% 1/16W
R47	1-216-811-11	s METAL 150 5% 1/16W
R51	1-216-809-11	s METAL 100 5% 1/16W
R52	1-216-809-11	s METAL 100 5% 1/16W
R53	1-216-829-11	s METAL 4.7K 5% 1/16W
R54	1-216-829-11	s METAL 4.7K 5% 1/16W
R55	1-216-825-11	s METAL 2.2K 5% 1/16W
R56	1-216-825-11	s METAL 2.2K 5% 1/16W
R57	1-216-823-11	s METAL 1.5K 5% 1/16W
R58	1-216-827-11	s METAL 3.3K 5% 1/16W
R59	1-216-813-11	s METAL 220 5% 1/16W
R60	1-216-833-11	s METAL 10K 5% 1/16W
R61	1-216-833-11	s METAL 10K 5% 1/16W
R62	1-216-833-11	s METAL 10K 5% 1/16W
R63	1-216-833-11	s METAL 10K 5% 1/16W
R64	1-216-837-11	s METAL 22K 5% 1/16W
R67	1-216-821-11	s METAL 1K 5% 1/16W
R68	1-216-833-11	s METAL 10K 5% 1/16W
R69	1-216-817-11	s METAL 470 5% 1/16W
R70	1-216-817-11	s METAL 470 5% 1/16W
R71	1-216-817-11	s METAL 470 5% 1/16W
R72	1-216-817-11	s METAL 470 5% 1/16W
R73	1-216-813-11	s METAL 220 5% 1/16W
R74	1-216-807-11	s METAL 68 5% 1/16W
R75	1-216-829-11	s METAL 4.7K 5% 1/16W
R76	1-216-829-11	s METAL 4.7K 5% 1/16W
R80	1-216-837-11	s METAL 22K 5% 1/16W
R81	1-216-849-11	s METAL 220K 5% 1/16W
R82	1-216-825-11	s METAL 2.2K 5% 1/16W
R83	1-216-847-11	s METAL 150K 5% 1/16W
R84	1-216-841-11	s METAL 47K 5% 1/16W
R85	1-216-833-11	s METAL 10K 5% 1/16W
R86	1-216-833-11	s METAL 10K 5% 1/16W
R87	1-216-849-11	s METAL 220K 5% 1/16W
R89	1-216-833-11	s METAL 10K 5% 1/16W
R90	1-216-833-11	s METAL 10K 5% 1/16W
R91	1-216-833-11	s METAL 10K 5% 1/16W
R92	1-216-821-11	s METAL 1K 5% 1/16W
R93	1-216-833-11	s METAL 10K 5% 1/16W
R94	1-216-829-11	s METAL 4.7K 5% 1/16W
R95	1-216-829-11	s METAL 4.7K 5% 1/16W
R96	1-216-837-11	s METAL 22K 5% 1/16W
R97	1-216-837-11	s METAL 22K 5% 1/16W
R98	1-216-837-11	s METAL 22K 5% 1/16W
R99	1-216-849-11	s METAL 220K 5% 1/16W
R100	1-216-809-11	s METAL 100 5% 1/16W
R101	1-216-827-11	s METAL 3.3K 5% 1/16W
R102	1-216-825-11	s METAL 2.2K 5% 1/16W

(VP-24P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R103	1-216-833-11	s METAL 10K 5% 1/16W
R104	1-216-821-11	s METAL 1K 5% 1/16W
R105	1-216-864-11	s METAL 0.5% 1/16W
R106	1-216-833-11	s METAL 10K 5% 1/16W
R107	1-216-829-11	s METAL 4.7K 5% 1/16W
R108	1-216-823-11	s METAL 1.5K 5% 1/16W
R109	1-216-809-11	s METAL 100 5% 1/16W
R110	1-216-833-11	s METAL 10K 5% 1/16W
R111	1-216-841-11	s METAL 47K 5% 1/16W
R112	1-216-821-11	s METAL 1K 5% 1/16W
R113	1-216-829-11	s METAL 4.7K 5% 1/16W
R114	1-216-815-11	s METAL 330 5% 1/16W
R115	1-216-809-11	s METAL 100 5% 1/16W
R116	1-216-817-11	s METAL 470 5% 1/16W
R117	1-216-837-11	s METAL 22K 5% 1/16W
R118	1-216-809-11	s METAL 100 5% 1/16W
R119	1-216-837-11	s METAL 22K 5% 1/16W
R121	1-216-821-11	s METAL 1K 5% 1/16W
R122	1-216-833-11	s METAL 10K 5% 1/16W
R123	1-216-833-11	s METAL 10K 5% 1/16W
R125	1-216-819-11	s METAL 680 5% 1/16W
R126	1-216-829-11	s METAL 4.7K 5% 1/16W
R127	1-216-823-11	s METAL 3.9K 5% 1/16W
R128	1-216-829-11	s METAL 4.7K 5% 1/16W
R129	1-216-827-11	s METAL 3.3K 5% 1/16W
R130	1-216-825-11	s METAL 2.2K 5% 1/16W
R131	1-216-823-11	s METAL 3.9K 5% 1/16W
R132	1-216-837-11	s METAL 22K 5% 1/16W
R133	1-216-833-11	s METAL 10K 5% 1/16W
R134	1-216-807-11	s METAL 68 5% 1/16W
R135	1-216-823-11	s METAL 1.5K 5% 1/16W
R136	1-216-821-11	s METAL 1K 5% 1/16W
R137	1-216-864-11	s METAL 0.5% 1/16W
R141	1-216-847-11	s METAL 150K 5% 1/16W
R142	1-216-833-11	s METAL 10K 5% 1/16W
R143	1-216-837-11	s METAL 22K 5% 1/16W
R144	1-216-837-11	s METAL 22K 5% 1/16W
R145	1-216-837-11	s METAL 22K 5% 1/16W
R146	1-216-839-11	s METAL 33K 5% 1/16W
R147	1-216-825-11	s METAL 2.2K 5% 1/16W
R148	1-216-827-11	s METAL 3.3K 5% 1/16W
R149	1-216-824-11	s METAL 1.8K 5% 1/16W
R150	1-216-817-11	s METAL 470 5% 1/16W
R151	1-216-817-11	s METAL 470 5% 1/16W
R152	1-216-819-11	s METAL 680 5% 1/16W
R153	1-216-847-11	s METAL 150K 5% 1/16W
R154	1-216-834-11	s METAL 12K 5% 1/16W
R155	1-216-853-11	s METAL 470K 5% 1/16W
R156	1-216-833-11	s METAL 10K 5% 1/16W
R157	1-216-837-11	s METAL 22K 5% 1/16W

(VP-24P BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R158	1-216-841-11	s METAL 47K 5% 1/16W
R159	1-216-853-11	s METAL 470K 5% 1/16W
R160	1-216-837-11	s METAL 22K 5% 1/16W
R161	1-216-833-11	s METAL 10K 5% 1/16W
R162	1-216-825-11	s METAL 2.2K 5% 1/16W
R163	1-216-864-11	s METAL 0.5% 1/16W
R164	1-216-834-11	s METAL 12K 5% 1/16W
R165	1-216-849-11	s METAL 220K 5% 1/16W
R166	1-216-833-11	s METAL 10K 5% 1/16W
R168	1-216-813-11	s METAL 220 5% 1/16W
R171	1-216-841-11	s METAL 47K 5% 1/16W
R172	1-216-821-11	s METAL 1K 5% 1/16W
R201	1-216-819-11	s METAL 680 5% 1/16W
R202	1-216-837-11	s METAL 22K 5% 1/16W
RV21	1-230-868-11	s RES. ADJ. METAL 2.2K
RV23	1-230-868-11	s RES. ADJ. METAL 2.2K
RV25	1-230-868-11	s RES. ADJ. METAL 2.2K
RV27	1-230-868-11	s RES. ADJ. METAL 2.2K
RV51	1-230-868-11	s RES. ADJ. METAL 2.2K
RV53	1-230-868-11	s RES. ADJ. METAL 2.2K
RV55	1-230-868-11	s RES. ADJ. METAL 2.2K
RV57	1-230-868-11	s RES. ADJ. METAL 2.2K
RV101	1-230-868-11	s RES. ADJ. METAL 2.2K
RV102	1-230-868-11	s RES. ADJ. METAL 2.2K
RV141	1-230-870-11	s RES. ADJ. METAL 10K
S1	1-571-275-11	s SWITCH, SLIDE

VR-67 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-089-11	o PRINTED CIRCUIT BOARD, VR-67
R1	1-216-053-00	s METAL 1.5K 5% 1/10W
R3	1-216-043-00	s METAL 560 5% 1/10W
R4	1-216-691-11	s METAL 47K 0.50% 1/10W
RV1	1-238-290-11	s RES. VAR. CARBON 1K
RV2	1-238-296-11	s RES. VAR. CARBON 10K
RV3	1-238-293-11	s RES. VAR. CARBON 10K
RV4	1-238-296-11	s RES. VAR. CARBON 10K

VR-70 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-625-553-13	o PRINTED CIRCUIT BOARD, VR-70
CN1	1-506-485-11	s CONNECTOR 6P, MALE
RV1	1-290-337-11	s RES, VAR, CARBON 10K
RV2	1-230-337-11	s RES, VAR, CARBON 10K
RV3	1-228-456-00	s RES, ADJ, METAL 1K

VR-77 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-806-504-11	s VARISTOR ERZ-C05DK320
PV1	1-223-165-00	s RES, ADJ, WIREWOUND 10K

FRAME

Ref. No. or Q'ty	Part No.	SP Description
	A-6050-611-A	s HEAD DRUM ASS'Y, DBH-14A-R
	A-6762-406-A	s DRUM ASS'Y UPPER, DBR-14A-R
	Δ1-464-995-41	s CONVERTER, DC-DC (CD-89B)
CN1(to	DR-84 board)	
	1-562-152-11	o HOUSING, 7P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN1(to	KY-124 board)	
	1-565-129-11	o HOUSING, 10P
	1-565-163-11	o TERMINAL, SOLDERLESS
CN1(to	LD-21 board)	
	1-562-151-11	o HOUSING, 6P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN1(to	PA-101 board)	
	1-562-151-11	o HOUSING, 6P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN1(to	PS-162 board)	
	1-562-253-00	o HOUSING, 3P
	1-562-260-11	o CONTACT, SOCKET
	1-543-157-00	s BEAD, FERRITE
CN1(to	SW-291 board)	
	1-562-147-11	o HOUSING, 2P
	1-564-026-00	o CONTACT, FEMALE, AWG26-30
CN1(to	VF-32 board)	
	1-563-873-11	o HOUSING, 10P
	1-563-869-11	o CONTACT, FEMALE AWG26-30
CN2(to	PS-162 board)	
	1-562-255-00	o HOUSING, 5P
	1-562-260-11	o CONTACT, SOCKET
	1-543-157-00	s BEAD, FERRITE
CN2(to	PA-101 board)	
	1-562-149-11	o HOUSING, 4P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN2(to	SW-291 board)	
	1-562-148-11	o HOUSING, 3P
	1-563-008-11	o CONTACT, FEMALE, AWG24-30
CN3(to	PS-162 board)	
	1-562-148-11	o HOUSING, 3P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN3(to	T6-57 board)	
	1-562-148-11	o HOUSING, 3P
	1-563-088-11	o CONTACT, FEMALE AWG24-30
CN4(to	T6-57 board)	
	1-562-155-11	o HOUSING, 10P
	1-563-088-11	o CONTACT, FEMALE AWG24-30

(FRAME)

Ref. No.
or Q'ty Part No. SP Description

CN4(to PS-162 board)
1-562-148-11 o HOUSING, 3P
1-563-088-11 o CONTACT, FEMALE AWG24-30

CN5(to PS-162 board)
1-562-257-00 o HOUSING, 8P
1-562-260-11 o CONTACT, SOCKET

CN5(to TG-57 board)
1-562-148-11 o HOUSING, 3P
1-563-088-11 o CONTACT, FEMALE AWG24-30

CN6 1-562-151-11 o HOUSING, 6P
1-564-026-00 o CONTACT, FEMALE, AWG26-30

CN7 1-562-252-00 o HOUSING, 2P
1-564-260-21 o CONTACT, FEMALE, AWG24-28

CN8 1-562-149-11 o HOUSING, 4P
1-564-026-00 o CONTACT, FEMALE, AWG26-30

CN10 1-562-254-00 o HOUSING, 4P
1-562-260-11 o CONTACT, SOCKET

CN11 1-562-147-11 o HOUSING, 2P
1-564-026-00 o CONTACT, FEMALE, AWG26-30

CN21 1-563-878-11 o HOUSING, 20P
1-563-869-11 o CONTACT, FEMALE, AWG26-30

CN22 1-563-874-11 o HOUSING, 12P
1-563-869-11 o CONTACT, FEMALE, AWG26-30
1-543-298-11 s BEAD, FERRITE

CN23 1-562-148-11 o HOUSING, 3P
1-564-026-00 o CONTACT, FEMALE, AWG26-30

CN24 1-562-150-11 o HOUSING, 5P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN25 1-562-148-11 o HOUSING, 3P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN50(to MB-173 board)
1-563-874-11 o HOUSING, 12P
1-563-869-11 o CONTACT, FEMALE, AWG26-30

CN51 1-563-875-11 o HOUSING, 14P
1-563-869-11 o CONTACT, FEMALE, AWG26-30

CN52 1-562-151-11 o HOUSING, 6P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN53 1-562-149-11 o HOUSING, 4P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN56 1-562-147-11 o HOUSING, 2P
1-564-026-00 o CONTACT, FEMALE, AWG26-30

CN57 1-562-150-11 o HOUSING, 5P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN58 1-563-873-11 o HOUSING, 10P
1-563-869-11 o CONTACT, FEMALE, AWG26-30

(FRAME)

Ref. No.
or Q'ty Part No. SP Description

CN59 1-565-129-11 o HOUSING, 10P
1-563-163-11 o TERMINAL, SOLDERLESS

CN60 1-562-257-00 o HOUSING, 8P
1-562-260-11 o CONTACT, SOCKET

CN61 1-562-148-11 o HOUSING, 3P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN62 1-562-149-11 o HOUSING, 4P
1-563-088-11 o CONTACT, FEMALE, AWG24-30

CN001 1-565-764-11 s CONNECTOR ASSY, BNC
"VIDEO OUT 2"

CN002 1-561-233-21 s CONNECTOR, 6P, FEMALE
"REMOTE"

CN004 1-543-298-11 s BEAD, FERRITE
1-564-603-11 s CONNECTOR (WITH DC SW) 4P, MALE
"DC IN"

CN005 1-565-072-11 s CONNECTOR, 4P, FEMALE
"DC OUT"

CN006 1-563-029-21 s CONNECTOR, XLR 3P, FEMALE
"AUDIO IN CH-1"

CN007 1-563-029-21 s CONNECTOR, XLR 3P, FEMALE
"AUDIO IN CH-2"

CN011 1-563-029-21 s CONNECTOR, XLR 3P, FEMALE
"MIC"

CN015 1-561-781-21 s CONNECTOR, BNC, FEMALE
"GENLOCK VIDEO IN"

CN016 1-561-781-11 s CONNECTOR, BNC, FEMALE
"TC IN"

CN017 1-561-781-11 s CONNECTOR, BNC, FEMALE
"TC OUT"

CN018 1-940-619-11 o HARNESS, SUB(ADP)

CN101 1-565-051-11 o CONNECTOR, 20P, FEMALE
"VF"

CN102 1-562-221-21 s CONNECTOR, 12P, FEMALE
"LENS"

H001 8-825-749-02 s HEAD, AU PPS244-2103

H002 8-825-560-40 s HEAD, CTL RS-253-21

H003 8-825-772-61 s HEAD, ERASE EF291-21A

M001 8-835-308-01 s MOTOR, DC LNI8-SINIB "LOADING"

M002 8-835-312-01 s MOTOR, DC U-19A "CAPSTAN"

S1 1-553-448-00 s SWITCH, TOGGLE "POWER"

SP001 1-503-293-00 s SPEAKER

CRT Δ1-546-066-12 s 1.5" CRT ASSY

1-940-576-12 s HARNESS (VF CABLE)

13-4. PACKING MATERIALS AND ACCESSORIES

PACKING MATERIALS & SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7520-314-A	o MOUNTED CIRCUIT BOARD, EX-148
1pc	X-2383-823-1	o CASE ASSY, CARRYING
4pc	3-711-708-01	o CUSHION
1pc	3-734-725-01	o INDIVIDUAL CARTON
1pc	1-542-099-11	s MICROPHONE
1pc	3-707-636-01	s SCREW ASSY, WIND
1pc	3-698-917-01	o BELT, SHOULDER
1pc	3-701-622-00	s BAG, POLYETHYLENE
1pc	3-701-629-00	s BAG, POLYETHYLENE
2pcs	3-701-632-00	s BAG, POLYETHYLENE
1pc	3-701-644-00	s BAG, POLYETHYLENE
1pc	3-711-778-01	o SPACER
1pc	3-725-262-01	s COVER, RAIN

13-5. OPTIONAL FIXTURE

OPTIONAL FIXTURE

Part No.	SP Description
J-6001-820-A	o DRUM ECCENTRICITY GAUGE (3)
J-6001-830-A	o DRUM ECCENTRICITY GAUGE (2)
J-6026-100-A	o RESOLUTION CHART
J-6026-130-B	o GRAY SCALE CHART
J-6029-140-A	o PATTERN BOX, PTB-500
J-6080-003-C	o FWD BACK TENSION MEASUREMENT CASSETTE
J-6086-570-A	o REFERENCE FLAT PLATE
J-6152-450-A	o WIRE CLEARANCE CHECK GAUGE
J-6321-500-1	o TAPE GUIDE ADJUSTMENT DRIVER
J-6321-880-A	o CASSETTE DUMMY COVER
J-6325-110-A	o TORQUE DRIVER BIT (FOR M1.4)
J-6325-360-A	o FLATNESS CHECK TOOL
J-6325-380-A	o TORQUE DRIVER BIT (FOR M2)
J-6325-400-A	o TORQUE DRIVER (FOR 3kg)
J-6325-530-A	o DRUM ECCENTRICITY GAUGE (6)
J-6332-290-A	o SERVO REMOTE CONTROL TOOL
J-6335-940-A	o REC CURRENT ADJUSTMENT TOOL
J-6335-730-A	o VIDEO SIGNAL INPUT BOARD
J-6335-740-A	o EXTENSION HARNESS
7-732-050-20	o TENSION SCALE (50g FULL SCALE)
7-732-902-00	o INSPECTION MIRROR
8-960-096-86	o ALIGNMENT TAPE, CR8-1B PS
8-960-096-91	o ALIGNMENT TAPE, CR5-1B PS
8-960-098-37	o ALIGNMENT TAPE, CR5-1A PS
8-960-096-01	o ALIGNMENT TAPE, CR2-1B PS

SECTION 14

CHANGED PARTS

UP TO # 40853

40854 & UP

AT-49A BOARD

C35 1-163-271-91 s CERAMIC, CHIP 680PF 5% 50V DELETE

VA-83 BOARD

C91	1-102-108-21 s CERAMIC, 150PF 5% 50V	1-163-255-00 s CERAMIC, CHIP 150PF 5% 50V
R185	1-247-873-11 s RESISTOR, 56K 5% 1/10W	1-216-091-91 s METAL, 56K 5% 1/10W
C66	1-163-038-00 s CERAMIC, 0.1uP 25V	DELETE

SG-152P BOARD

IC6 8-759-206-55 s IC TC74HC4538F 8-759-008-45 s IC MC74HC4538F

LP-58A BOARD

1PC NOT USED 1-635-204-11 o PRINTED CIRCUIT BOARD, LP-58A

UP TO # 40913

40914 & UP

VA-83 BOARD

IC11 8-759-206-55 s IC TC74HC4538F 8-759-239-34 s IC TC74HC4538AF

SV-97AP BOARD

C137 NOT USED 1-163-231-91 s CERAMIC, 15PF 5% 50V

TC-48AP BOARD

IC510 8-759-205-39 s IC TC74HC4049F 8-759-234-70 s IC TC74HC4049AF

SY-117BP BOARD

SY-117CP BOARD

1pc A-6717-561-A o MOUNTED CIRCUIT BOARD, SY-117BP A-6717-577-A o MOUNTED CIRCUIT BOARD, SY-117CP

VP-24P BOARD

IC7 8-759-206-55 s IC TC74HC4538F 8-759-239-34 s IC TC74HC4538AF

PR-132 BOARD

TH1.2,3 1-806-627-11 s THERMISTOR (POSITIVE) 1-806-627-31 s THERMISTOR (POSITIVE)

UP TO # 40998

40999 & UP

LP-58A BOARD

1pc 1-635-204-11 o PRINTED CIRCUIT BOARD, LP-58A 1-635-204-12 o PRINTED CIRCUIT BOARD, LP-58A

SW-260 BOARD

1pc 1-625-088-12 o PRINTED CIRCUIT BOARD, SW-260 1-625-088-13 o PRINTED CIRCUIT BOARD, SW-260

LP-40 BOARD

1pc 1-625-086-13 o PRINTED CIRCUIT BOARD, LP-40 1-625-086-14 o PRINTED CIRCUIT BOARD, LP-40

UP TO # 41048

41049 & UP

VA-83 BOARD

C92,93 NOT USED 1-162-901-11 s CERAMIC 0.1uF 10% 50V

TC-48A BOARD

IC503 8-752-808-43 s IC, CXP80116-075Q 8-752-810-17 s IC, CXP80116-617Q

UP TO # 41100

41101 & UP

SG-152P BOARD

IC14 8-759-602-78 s IC M5236L 8-759-632-07 s IC M5237L

UP TO # 41120

41121 & UP

VDA-11P BOARD

R45 1-216-803-91 s METAL CHIP 47 5% 1/16W 1-216-809-11 s METAL CHIP 100 5% 1/16W

TC-48AP BOARD

C528	1-163-229-91 s CERAMIC, CHIP 33PF 5% 50V	1-163-229-91 s CERAMIC, CHIP 12PF 5% 50V
C529	1-163-251-91 s CERAMIC, CHIP 100PF 5% 50V	1-163-245-91 s CERAMIC, CHIP 56PF 5% 50V
R506	1-216-093-91 s METAL, CHIP 68K 5% 1/10W	1-216-699-91 s METAL, CHIP 100K 5% 1/10W
R627	1-216-121-91 s METAL, CHIP 1M 5% 1/10W	1-216-133-91 s METAL, CHIP 3.3M 5% 1/10W
R628	1-216-129-91 s METAL, CHIP 2.2M 5% 1/10W	1-216-133-91 s METAL, CHIP 3.3M 5% 1/10W
X503	1-527-955-11 s OSCILLATOR, CRYSTAL	1-578-741-11 s OSCILLATOR, CRYSTAL

UP TO # 41170

41171 & UP

TC-48AP BOARD

R611,612,639	1-247-791-91 s CARBON 22 5% 1/4W	1-249-397-11 s CARBON 22 5% 1/4W
R641,642	1-247-783-91 s CARBON 10 5% 1/4W	1-249-393-11 s CARBON 10 5% 1/4W

UP TO # 41170

41171 & UP

PR-132 BOARD

TH1,2,3	1-806-627-31 s THERMISTOR, POSITIVE 1K-OHM	1-806-627-41 s THERMISTOR, POSITIVE 1K-OHM
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